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DRAFT

IMPLEMENTATION GUIDE
TRANSACTION "FABRIC TECHNICAL SHEET"

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technical Documentation: <http://www.ebiz.enea.it>

XML Schemas repository: <http://www.ebiz.enea.it/moda-ml/repository/schema/draft/default.asp>

Guides repository: <http://www.ebiz.enea.it/moda-ml/repository/guide/draft/default.asp>

Guide filename: G008-eBIZ-FabricTechnicalSheet.pdf

0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version 2018. Under the name of 'Draft version' it is reported the result of an extensive work of analysis and consultation aimed at developing and maintaining eBIZ specifications.

In particular, the content of this proposal is the result of various activities, mainly those carried out within the framework of the **TRICK project** funded by the European Commission: grant agreement 958352, call H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 / H2020-LCCI-2020-EASME-twostage.

The technical contents are backwards compatible with the latest official published version, with the exclusion of the totally new concepts added explicitly for the version that are thought as incremental evolution of the knowledge base.

1. BUSINESS DESCRIPTION

1.1 Scope

The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "FABRIC TECHNICAL SHEET", providing all the instruction required for its use in any context of e-commerce between Apparel Producers and Fabric Producers.

All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section "Implementation guide".

1.2 Generalities

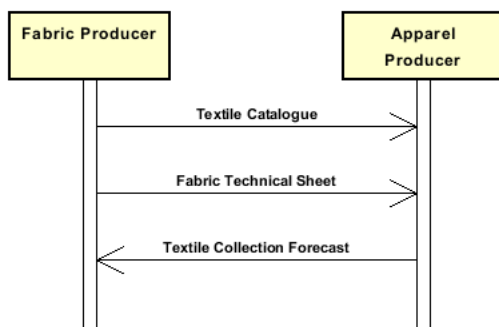
This document is used to provide the Customer (Buyer) with the technical data relevant to describe and characterize the fabric article; i.e.:

- general data
- construction details
- measurements of color fastness, dimensional stability and mechanical properties

The single sheet provides the technical characteristics of groups of homogeneous articles.

1.3. Possible scenario

Selection of fabrics



2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema.

In particular:

- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrences); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory;
- the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";
- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

TEXSheet

@msgfunction [Optional] [Default= OR]

@version [Optional] [Default= draft]

@useProfile [Optional]

| THeader 1-1

| | msgN 1-1

| - choose -

| | msgID 0-1

| - or -

| | docID 0-1

| | @numberingOrg [Optional]

| - end choose -

| | msgDate 1-1

| | @dateForm [Optional]

| refDoc 0-9

| | @docType [Required]

| | docID 1-2

| | | @numberingOrg [Optional]

| | docDate 0-1

| | | @dateForm [Optional]

| | season 0-1

| | | @numberingOrg [Optional]

| | | @codeList [Optional]

| | | @listName [Optional]

| | | @listVersion [Optional]

| | itemID 0-1

| attachment 0-1

| | @uid [Optional]

| | | fileName 0-1

| | | | @numberingOrg [Optional]

| | | binaryObject 0-1

| | | | @format [Optional]

| | | | @mime [Optional]

| | | | @encoding [Optional]

| | | | @characterSet [Optional]

| externalReference 0-99

| | | uri 1-1

| | | | @isURL [Optional] [Default= true]

| | | mimeTypeCode 0-1

| | | formatCode 0-1

| | | encodingCode 0-1

| | | characterSetCode 0-1

| | hashFootprint 0-1

| | | @schemeID [Optional]

| | | @hashMethod [Required]

| blockChainReference 0-9

| | | uri 1-1

| | | | @isURL [Optional] [Default= true]

| | | transactionReceipt 1-9

buyer 0-1

@logo [Optional]
@sender [Optional]
id 1-1
| *@numberingOrg [Optional]*
| additionalIdentifier 0-9
| *@numberingOrg [Optional]*
| *@idQualifier [Optional]*
| legalName 0-1
| dept 0-1
| subDept 0-1
| person 0-1
| *@email [Optional]*
| *@phone [Optional]*
| *@fax [Optional]*
| street 0-1
| city 0-1
| subCountry 0-1
| country 0-1
| postCode 0-1
geoCoordinates 0-1
| *@um [Optional] [Default= DEGD]*
| *@geoRefSystem [Optional]*
| | xGeoCoord 1-1
| | yGeoCoord 1-1
| | zGeoCoord 0-1

supplier 1-1

@logo [Optional]
@sender [Optional]
id 1-1
| *@numberingOrg [Optional]*
| additionalIdentifier 0-9
| *@numberingOrg [Optional]*
| *@idQualifier [Optional]*
| legalName 0-1
| dept 0-1
| subDept 0-1
| person 0-1
| *@email [Optional]*
| *@phone [Optional]*
| *@fax [Optional]*
| street 0-1
| city 0-1
| subCountry 0-1
| country 0-1
| postCode 0-1
geoCoordinates 0-1
| *@um [Optional] [Default= DEGD]*
| *@geoRefSystem [Optional]*
| | xGeoCoord 1-1
| | yGeoCoord 1-1
| | zGeoCoord 0-1

thirdParty 0-5

@VAT [Optional]
@role [Required]
@sender [Optional]
id 1-1
| *@numberingOrg [Optional]*
| legalName 0-1
| dept 0-1
| subDept 0-1
| person 0-1
| *@email [Optional]*
| *@phone [Optional]*
| *@fax [Optional]*
| street 0-1
| city 0-1
| subCountry 0-1

- | country 0-1
- | postCode 0-1
- | **geoCoordinates 0-1**
- | | @um [Optional] [Default= DEGD]
- | | @geoRefSystem [Optional]
- | | | xGeoCoord 1-1
- | | | yGeoCoord 1-1
- | | | zGeoCoord 0-1
- | note 0-99
- | | @numberingOrg [Optional]
- | | @codeList [Optional]
- | | @noteLabel [Optional]

TTbody 1-1

TTGroup 0-unbounded

- | artGroup 0-1
- | | @numberingOrg [Optional]
- | | @codeList [Optional]
- | | @listName [Optional]
- | | @listVersion [Optional]
- | artGroupName 0-1

TTGitem 0-unbounded

- | lineN 0-1
- | | @VAT [Optional]
- | **refDoc 0-9**
- | | @docType [Required]
- | | docID 1-2
- | | | @numberingOrg [Optional]
- | | docDate 0-1
- | | | @dateForm [Optional]
- | | season 0-1
- | | | @numberingOrg [Optional]
- | | | @codeList [Optional]
- | | | @listName [Optional]
- | | | @listVersion [Optional]
- | itemID 0-1

attachment 0-1

- | | @uid [Optional]
- | | | fileName 0-1
- | | | | @numberingOrg [Optional]
- | | | binaryObject 0-1
- | | | | @format [Optional]
- | | | | @mime [Optional]
- | | | | @encoding [Optional]
- | | | | @characterSet [Optional]

externalReference 0-99

- | | | uri 1-1
- | | | | @isURL [Optional] [Default= true]
- | | | | mimeTypeCode 0-1
- | | | | formatCode 0-1
- | | | | encodingCode 0-1
- | | | | characterSetCode 0-1
- | | | hashFootprint 0-1
- | | | | @schemeID [Optional]
- | | | | @hashMethod [Required]

blockChainReference 0-9

- | | | uri 1-1
- | | | | @isURL [Optional] [Default= true]
- | | | transactionReceipt 1-9

- | fabricNameSupplier 0-1
- | fabricNameBuyer 0-1
- | art 0-1
- | | @numberingOrg [Optional]
- | | @codeList [Optional]
- | | @listName [Optional]
- | | @listVersion [Optional]
- | pattern 0-unbounded
- | | @numberingOrg [Optional]

```

| | | | @codeList [Optional]
| | | | @listName [Optional]
| | | | @listVersion [Optional]
| | | - choose -
| | | | color 0-unbounded
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @listName [Optional]
| | | | @listVersion [Optional]
| | | - or -
| | | | colorCard 0-unbounded
| | | | | colorCardItem 1-unbounded
| | | | | | color 1-2
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | | CIELab 0-unbounded
| | | | | | @illuminant [Optional]
| | | | | | @standardObserver [Optional]
| | | | | | | L 1-1
| | | | | | | a 1-1
| | | | | | | b 1-1
| | | | | | refDoc 0-1
| | | | | | @docType [Required]
| | | | | | | docID 1-2
| | | | | | | @numberingOrg [Optional]
| | | | | | | docDate 0-1
| | | | | | | @dateForm [Optional]
| | | | | | | season 0-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @listName [Optional]
| | | | | | | @listVersion [Optional]
| | | | | | | itemID 0-1
| | | | | | attachment 0-1
| | | | | | @uid [Optional]
| | | | | | | fileName 0-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | binaryObject 0-1
| | | | | | | @format [Optional]
| | | | | | | @mime [Optional]
| | | | | | | @encoding [Optional]
| | | | | | | @characterSet [Optional]
| | | | | | | externalReference 0-99
| | | | | | | | uri 1-1
| | | | | | | | @isURL [Optional] [Default= true]
| | | | | | | | mimeTypeCode 0-1
| | | | | | | | formatCode 0-1
| | | | | | | | encodingCode 0-1
| | | | | | | | characterSetCode 0-1
| | | | | | | | hashFootprint 0-1
| | | | | | | | @schemeID [Optional]
| | | | | | | | @hashMethod [Required]
| | | | | | | | blockChainReference 0-9
| | | | | | | | | uri 1-1
| | | | | | | | | @isURL [Optional] [Default= true]
| | | | | | | | | transactionReceipt 1-9
| | | | | | | description 0-unbounded
| | | | | | | @ln [Optional]
| | | | - end choose -
| | | | added 0-unbounded
| | | | @numberingOrg [Optional]
| | | | @addType [Optional]
| | | | description 0-unbounded
| | | | @ln [Optional]
| | | | note 0-99
| | | | @numberingOrg [Optional]

```

- | @codeList [Optional]
- | @noteLabel [Optional]
- | **refDoc 0-9**
- | @docType [Required]
- | docID 1-2
- | @numberingOrg [Optional]
- | docDate 0-1
- | @dateForm [Optional]
- | season 0-1
- | @numberingOrg [Optional]
- | @codeList [Optional]
- | @listName [Optional]
- | @listVersion [Optional]
- | itemID 0-1
- | **attachment 0-1**
- | @uid [Optional]
- | fileName 0-1
- | @numberingOrg [Optional]
- | binaryObject 0-1
- | @format [Optional]
- | @mime [Optional]
- | @encoding [Optional]
- | @characterSet [Optional]
- | **externalReference 0-99**
- | uri 1-1
- | @isURL [Optional] [Default= true]
- | mimeTypeCode 0-1
- | formatCode 0-1
- | encodingCode 0-1
- | characterSetCode 0-1
- | hashFootprint 0-1
- | @schemeID [Optional]
- | @hashMethod [Required]
- | **blockChainReference 0-9**
- | uri 1-1
- | @isURL [Optional] [Default= true]
- | transactionReceipt 1-9
- | **generalChar 1-1**
- | fabricNameSupplier 0-1
- | fabricNameBuyer 0-1
- | season 0-1
- | @numberingOrg [Optional]
- | @codeList [Optional]
- | @listName [Optional]
- | @listVersion [Optional]
- | tradeMark 0-1
- | customsStat 0-1
- | @schemeID [Optional] [Default= TARIC]
- | **fabricCompos 1-1**
- | percCompos 1-9
- | @fibre [Required]
- | @materialSource [Optional]
- | @recyclingProcessMethod [Optional]
- | @percSourcesRenewable [Optional]
- | @validationMethod [Optional]
- | @recyclingProcessEfficiency [Optional]
- | dyeProcess 0-1
- | dyeStuff 0-1
- | careLabel 0-1
- | minLot 0-1
- | @um [Required]
- | minLotExclusive 0-1
- | @um [Required]
- | avgDeliveryDD 0-1
- | estFaultiness 0-1
- | note 0-99
- | @numberingOrg [Optional]
- | @codeList [Optional]

- | @noteLabel [Optional]
- | **construction 1-1**
- | fabricWeightM 1-1
- | @um [Optional] [Default= GRM]
- | fabricWeightM2 0-1
- | @um [Optional] [Default= GRM]
- | fabricWidth 0-1
- | @um [Optional] [Default= CMT]
- | fabricCutWidth 0-1
- | @um [Optional] [Default= CMT]
- | pieceLength 0-1
- | @um [Optional] [Default= MTR]
- | weave 0-1
- | warpCount 0-9
- | @method [Optional] [Default= ISO-2060]
- | @fibre [Optional]
- | weftCount 0-9
- | @method [Optional] [Default= ISO-2060]
- | @fibre [Optional]
- | warpEndsN 0-1
- | weftEndsN 0-1
- | bowingWarp 0-1
- | @method [Optional]
- | bowingWeft 0-1
- | @method [Optional]
- | checksFlaw 0-1
- | @method [Optional]
- | weftDev 0-1
- | @method [Optional]
- | resin 0-1
- | **colorFastness 0-3**
- | @colorType [Optional]
- | CFlight 0-1
- | @method [Optional] [Default= ISO-105-B02]
- | CFwater 0-1
- | @method [Optional] [Default= ISO-105-E01]
- | CFwash 0-1
- | @method [Optional] [Default= ISO-105-C06]
- | CFdryClean 0-1
- | @method [Optional] [Default= ISO-105-D01]
- | CFperspirAcid 0-1
- | @method [Optional] [Default= ISO-105-E04]
- | CFperspirAlk 0-1
- | @method [Optional] [Default= ISO-105-E04]
- | CFrubDry 0-1
- | @method [Optional] [Default= ISO-105-X12]
- | CFrubWet 0-1
- | @method [Optional] [Default= ISO-105-X12]
- | CFrubOrgSolv 0-1
- | @method [Optional] [Default= ISO-105-D02]
- | CFironDry 0-1
- | @method [Optional] [Default= ISO-105-X11]
- | CFironWet 0-1
- | @method [Optional] [Default= ISO-105-X11]
- | CFspotWater 0-1
- | @method [Optional] [Default= ISO-105-E07]
- | CFxeno 0-1
- | @method [Optional]
- | **dimensionStability 0-1**
- | DSsteamLength 0-1
- | @method [Optional] [Default= DIN-53894-2]
- | DSsteamWidth 0-1
- | @method [Optional] [Default= DIN-53894-2]
- | DSwashLength 0-1
- | @method [Optional] [Default= ISO-5077/6330]
- | DSwashWidth 0-1
- | @method [Optional] [Default= ISO-5077/6330]
- | DSdryCleanLength 0-1

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| | @method [Optional] [Default= ISO-3175]
| | DSdryCleanWidth 0-1
| | @method [Optional] [Default= ISO-3175]
| mechanicalProps 0-1
| | MPseamSlipWarp 0-3
| | @method [Optional] [Default= NFG-7117]
| | @application [Optional]
| | MPseamSlipWeft 0-3
| | @method [Optional] [Default= NFG-7117]
| | @application [Optional]
| | MPbreakWarp 0-1
| | @method [Optional] [Default= ISO-1394-1]
| | @application [Optional]
| | MPbreakWeft 0-1
| | @method [Optional] [Default= ISO-1394-1]
| | @application [Optional]
| | MPabrasion 0-3
| | @method [Optional] [Default= EN-12947]
| | @application [Optional]
| | MPpilling 0-3
| | @method [Optional] [Default= UNI-E-1512434]
| | @application [Optional]
| | MPcrease 0-1
| | @method [Optional] [Default= ISO-9867]
| | MPelastWarp 0-3
| | @method [Optional] [Default= BS 4294-68]
| | @application [Optional]
| | MPelastWeft 0-3
| | @method [Optional] [Default= BS 4294-68]
| | @application [Optional]
| | MPtearWarp 0-3
| | @method [Optional]
| | @application [Optional]
| | MPtearWeft 0-3
| | @method [Optional]
| | @application [Optional]
| | MPbending 0-1
| | @method [Optional]
| | @application [Optional]
| | MPSpray 0-1
| | @method [Optional]
| | @application [Optional]
| ecoFeatures 0-1
| | qtyEcoFeatures 1-19
| | @um [Optional] [Default= PPM]
| | @method [Optional]
| | element 1-1
| - choose -
| | equation 1-1
| | specValue 1-1
| | @um [Optional]
| | @source [Optional]
| | @method [Optional]
| | @application [Optional]
| | @CV [Optional]
| | equation 0-1
| | specValue 0-1
| | @um [Optional]
| | @source [Optional]
| | @method [Optional]
| | @application [Optional]
| | @CV [Optional]
| - or -
| | rangeBoundary 2-2
| | equation 1-1
| | specValue 1-1
| | @um [Optional]
| | @source [Optional]

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```
| | | | @method [Optional]
| | | | @application [Optional]
| | | | @CV [Optional]
- end choose -
| | | qlyEcoFeatures 1-9
| | | @method [Optional]
| | | element 1-1
| | | useIndic 1-1
```

2.2 Detailed description of document elements

Following tables show all elements (complex and simple) used in this document. Description includes: 1) element's information: xml tag, name, brief description, data type and syntax constraints; 2) information about use of the element in a particular position in the document: xpath and possible associated notes.

2.2.1 Complex elements (Aggregate Business Information Entities)

Complex elements are those elements whose content is composed of other elements (childs). Complex elements are alphabetically ordered.

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment) 0-1 (XPath TEXSheet/TTHeader/refDoc/attachment) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment) 0-1
blockChainReference	blockchain reference - base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/blockChainReference) 0-9 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/blockChainReference) 0-9 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/blockChainReference) 0-9 (XPath TEXSheet/TTHeader/refDoc/attachment/blockChainReference) 0-9
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXSheet/TTHeader/buyer) 0-1
CIELab	color point in the CIELab color space (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab) 0-unbounded
colorCard	color card for a textile product (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard) 0-unbounded - note: <i>this element can be repeated to highlight the color range of the article and to indicate more codings of the same color</i>
colorCardItem	item of the color card (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem) 1-unbounded
colorFastness	details of color fastness measures of fabric (XPath TEXSheet/TTbody/colorFastness) 0-3 - note: <i>this data group can be repeated when there are different values for different types of colors (light-dark-pastel)</i>
construction	construction data and features included in the technical sheet of the fabric article (XPath TEXSheet/TTbody/construction) 1-1
dimensionStability	details of dimensional stability measures of fabric (XPath TEXSheet/TTbody/dimensionStability) 0-1
ecoFeatures	ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures) 0-1
externalReference	details about an external object, such as a document stored at a remote location (XPath TEXSheet/TTHeader/refDoc/attachment/externalReference) 0-99 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference) 0-99 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference) 0-99 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference) 0-99
fabricCompos	percent of composition of the fabric according to the Directive 97/37/CE (XPath TEXSheet/TTbody/generalChar/fabricCompos) 1-1
generalChar	general data included in the technical sheet of the fabric article (XPath TEXSheet/TTbody/generalChar) 1-1

geoCoordinates	geographical coordinates (XPath TEXSheet/TTheader/thirdParty/geoCoordinates) 0-1 (XPath TEXSheet/TTheader/buyer/geoCoordinates) 0-1 (XPath TEXSheet/TTheader/supplier/geoCoordinates) 0-1
mechanicalProps	details of measurements of the mechanical properties of fabric (XPath TEXSheet/TTbody/mechanicalProps) 0-1
qlyEcoFeatures	qualitative ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures) 1-9
qtyEcoFeatures	quantitative ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures) 1-19
rangeBoundary	Descriptor of a boundary of a range of values declared for a property or a parameter (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary) 2-2 Best Practice - note: A couple of this elements is used to express both the boundaries of the values interval
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath TEXSheet/TTheader/refDoc) 0-9 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc) 0-9 (XPath TEXSheet/TTbody/TTGroup/refDoc) 0-9 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc) 0-1 - note: here the CxF3 file can be referenced
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXSheet/TTheader/supplier) 1-1
thirdParty	identification and details of the Third Party, different from Sender and Receiver of the document - base type: Nad, (XPath TEXSheet/TTheader/thirdParty) 0-5
TTbody	body of the document FABRIC TECHNICAL SHEET (XPath TEXSheet/TTbody) 1-1
TTGitem	line item of TEXTILE product group - base type: , (XPath TEXSheet/TTbody/TTGroup/TTGitem) 0-unbounded - note: More articles in the same group of products
TTGroup	articles grouping of the TEXTILES Technical sheet - base type: , (XPath TEXSheet/TTbody/TTGroup) 0-unbounded - note: use this element to indicate the article(s) related to this Technical Sheet.
TTheader	Header of the document FABRIC TECHNICAL SHEET (XPath TEXSheet/TTheader) 1-1

2.2.2 Simple elements (Basic Business Information Entities)

Simple elements are those elements whose content is characterized by a data type plus a domain of possible values. Simple elements are alphabetically ordered.

a	"a" dimension of the CIELab color system - base type: decimal, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/a) 1-1
added	additional code of the product (complementing the formers) - base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/TTGitem/added) 0-unbounded - note: this data can be iterated to show a number of features available for the article
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15,

	<p>(XPath TEXSheet/TTheader/supplier/additionalIdentifier) 0-9 - note: identifiers for example for exports, such as MID (Manufacturer Identification Code), REX (identifier in EU Registered Exporter system) (XPath TEXSheet/TTheader/buyer/additionalIdentifier) 0-9 - note: identifiers for example for exports, such as MID (Manufacturer Identification Code), REX (identifier in Registered Exporter system)</p>
@addType	<p>qualifier of the additional coding of a product - base type: string, cod. table: T44 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/added/@addType) [Optional] - nota: addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.</p>
@application	<p>force or similar condition (e.g. no. of revolutions) applied in a test as specified within the standard - base type: string, max length: 15, (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPtearWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPelastWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPelastWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPspray/@application) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPtearWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbending/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbreakWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbreakWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp/@application) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPpilling/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPabrasion/@application) [Optional]</p>
art	<p>article number of the product - base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/TTGitem/art) 0-1</p>
artGroup	<p>code identifying a class of products - base type: string, max length: 40, (XPath TEXSheet/TTbody/TTGroup/artGroup) 0-1</p>
artGroupName	<p>description of a class of products - base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/artGroupName) 0-1</p>
avgDeliveryDD	<p>average time (workdays) between order receipt and delivery of an article, specified by the Supplier - base type: duration, (XPath TEXSheet/TTbody/generalChar/avgDeliveryDD) 0-1</p>
b	<p>"b" dimension of the CIELab color system - base type: decimal, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/b) 1-1</p>
binaryObject	<p>a binary large object containing an attached document, Coding 'base64Binary' is recommended. - base type: base64Binary, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject) 0-1 (XPath TEXSheet/TTheader/refDoc/attachment/binaryObject) 0-1</p>
bowingWarp	<p>warp bowing - base type: decimal, min inclusive: 0, (XPath TEXSheet/TTbody/construction/bowingWarp) 0-1</p>
bowingWeft	<p>weft bowing - base type: decimal, min inclusive: 0,</p>

	(XPath TEXSheet/TTbody/construction/bowingWeft) 0-1
careLabel	codification of the care instructions printed on the label (ISO 3758) - base type: string, length: 5, (XPath TEXSheet/TTbody/generalChar/careLabel) 0-1 - note: code composition: 1st digit=id.symbol umid washing,2nd=id.s.bleaching,3rd=id.s. ironing,4th=id.s. dry washing,5th=id.s. drying. See ATTACHMENT B.
CFdryClean	measur of color fastness to dry cleaning - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFdryClean) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFironDry	measure of color fastness to dry ironing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFironDry) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFironWet	measure of color fastness to wet ironing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFironWet) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFlight	measure of color fastness to light - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFlight) 0-1
CFperspirAcid	measure of color fastness to acid perspiration - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFperspirAcid) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFperspirAlk	measure of color fastness to alkaline perspiration - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFperspirAlk) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFrubDry	measure of color fastness to dry rubbing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubDry) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFrubOrgSolv	measure of color fastness to rubbing with organic solvents - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubOrgSolv) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFrubWet	measure of color fastness to wet rubbing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubWet) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFspotWater	measure of color fastness to spotting water - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFspotWater) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";
CFwash	measure of color fastness to washing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFwash) 0-1 - note: when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";

CFwater	<p>measure of color fastness to water</p> <p>- base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFwater) 0-1</p> <p>- note: <i>when the test forseees two values (change-staining) the 1st value is change and the 2nd staining, devided by ","</i></p>
CFxeno	<p>measure of color fastness to Xeno-light</p> <p>- base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFxeno) 0-1</p>
@characterSet	<p>the character set of the binary object (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..)</p> <p>- base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXSheet/TTHeader/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@characterSet) [Optional]</p>
characterSetCode	<p>the character set of an external document (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..)</p> <p>- base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXSheet/TTHeader/refDoc/attachment/externalReference/characterSetCode) 0-1</p>
checksFlaw	<p>flaw in checks</p> <p>- base type: decimal, min inclusive: 0, (XPath TEXSheet/TTbody/construction/checksFlaw) 0-1</p>
city	<p>name of the city (town, village)</p> <p>- base type: string, max length: 40, (XPath TEXSheet/TTHeader/thirdParty/city) 0-1 (XPath TEXSheet/TTHeader/buyer/city) 0-1 (XPath TEXSheet/TTHeader/supplier/city) 0-1</p>
@codeList	<p>it specifies the URL where the list of codes used to make an instance of the element can be found</p> <p>- base type: string, max length: 255, (XPath TEXSheet/TTbody/TTGroup/TTGitem/note/@codeList) [Optional]</p> <p>- nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/season/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTHeader/refDoc/season/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTbody/TTGroup/artGroup/@codeList) [Optional]</p> <p>- nota: <i>at least one out of this attribute and "numberingOrg" should be set</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTHeader/note/@codeList) [Optional]</p> <p>- nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/color/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></p>

	<p><i>rsion</i>"</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@codeList) [Optional]</p> <p>- nota: at least one out of this attribute and "numberingOrg" should be set</p> <p>(XPath TEXSheet/TTbody/generalChar/note/@codeList) [Optional]</p> <p>- nota: must be used to provide (URL) the list of codes used in "noteLabel"</p> <p>(XPath TEXSheet/TTbody/generalChar/season/@codeList) [Optional]</p> <p>- nota: this attribute should be used either single or coupled with "listName" and "listVersion"</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@codeList) [Optional]</p> <p>- nota: at least one out of this attribute and "numberingOrg" should be set</p>
color	<p>colour number of the product, when not included in the model or fabric code</p> <p>- base type: string, max length: 15,</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/color) 0-unbounded</p> <p>- note: this element can be repeated to highlight the color range of the article as long as the values of the relative attributes are equal (numberingOrg etc.)</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/color) 1-2</p> <p>- note: multiple color values allowed if they differ for at least one of the numberingOrg and listName attributes</p>
@colorType	<p>type of color to which a "color fastness" value refers</p> <p>- base type: string, cod. table: NT26</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT26.xml</p> <p>(XPath TEXSheet/TTbody/colorFastness/@colorType) [Optional]</p>
country	<p>code of the nation</p> <p>- base type: string, cod. table: T10</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml</p> <p>(XPath TEXSheet/THeader/supplier/country) 0-1</p> <p>(XPath TEXSheet/THeader/thirdParty/country) 0-1</p> <p>(XPath TEXSheet/THeader/buyer/country) 0-1</p>
customsStat	<p>statistic code assigned by Customs to a specified product (TARIC code)</p> <p>- base type: string, max length: 15,</p> <p>(XPath TEXSheet/TTbody/generalChar/customsStat) 0-1</p>
@CV	<p>coefficient of variation (CV) of a measurement</p> <p>- base type: decimal,</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@CV) [Optional]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@CV) [Optional]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@CV) [Optional]</p>
@dateForm	<p>format used for the date</p> <p>- base type: string, cod. table: NT29</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml</p> <p>(XPath TEXSheet/THeader/refDoc/docDate/@dateForm) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/docDate/@dateForm) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/docDate/@dateForm) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docDate/@dateForm) [Optional]</p> <p>(XPath TEXSheet/THeader/msgDate/@dateForm) [Optional]</p>
dept	<p>name or code of a department</p> <p>- base type: string, max length: 40,</p> <p>(XPath TEXSheet/THeader/thirdParty/dept) 0-1</p> <p>(XPath TEXSheet/THeader/supplier/dept) 0-1</p> <p>(XPath TEXSheet/THeader/buyer/dept) 0-1</p>
description	<p>free text description. The content of the element must be unique, it might be translated and repeated into more languages (thus no more than one instance for each language).</p> <p>- base type: string, max length: 250,</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/description) 0-unbounded</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/description) 0-unbounded</p> <p>- note: <i>Product description</i></p>
docDate	<p>date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p>

	<p>- base type: string, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docDate) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/docDate) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/docDate) 0-1 (XPath TEXSheet/TTheader/refDoc/docDate) 0-1</p>
docID	<p>identification number of the referenced document - base type: string, max length: 80, (XPath TEXSheet/TTheader/docID) 0-1 - note: <i>Its use in HEADER elements is discouraged (use msgID)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docID) 1-2 Best Practice (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/docID) 1-2 Best Practice (XPath TEXSheet/TTbody/TTGroup/refDoc/docID) 1-2 Best Practice (XPath TEXSheet/TTheader/refDoc/docID) 1-2 Best Practice</p>
@docType	<p>type or class to which the referenced document belongs - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml (XPath TEXSheet/TTbody/TTGroup/refDoc/@docType) [Required] (XPath TEXSheet/TTheader/refDoc/@docType) [Required] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/@docType) [Required] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/@docType) [Required]</p>
DSdryCleanLength	<p>measure of dimensional stability to dry cleaning (length) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSdryCleanLength) 0-1</p>
DSdryCleanWidth	<p>measure of dimensional stability to dry cleaning (width) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSdryCleanWidth) 0-1</p>
DSsteamLength	<p>measure of dimensional stability to steaming press (length) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSsteamLength) 0-1</p>
DSsteamWidth	<p>measure of dimensional stability to steaming press (width) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSsteamWidth) 0-1</p>
DSwashLength	<p>measure of dimensional stability to washing (length) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSwashLength) 0-1</p>
DSwashWidth	<p>measure of dimensional stability to washing (width) - base type: string, max length: 10, (XPath TEXSheet/TTbody/dimensionStability/DSwashWidth) 0-1</p>
dyeProcess	<p>dye process applied to the fabric - base type: string, cod. table: T15 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T15.xml (XPath TEXSheet/TTbody/generalChar/dyeProcess) 0-1</p>
dyeStuff	<p>dye stuff used in the fabric dye process - base type: string, cod. table: T16 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T16.xml (XPath TEXSheet/TTbody/generalChar/dyeStuff) 0-1</p>
element	<p>chemical element or compound relevant to the analysis of fabric or yarn - base type: string, cod. table: T49 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T49.xml (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/element) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures/element) 1-1</p>
@email	<p>electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath TEXSheet/TTheader/supplier/person/@email) [Optional] (XPath TEXSheet/TTheader/thirdParty/person/@email) [Optional] (XPath TEXSheet/TTheader/buyer/person/@email) [Optional]</p>
@encoding	<p>specifies the decoding algorithm of the binary object - base type: normalizedString,</p>

	<p>(XPath TEXSheet/TTheader/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@encoding) [Optional]</p>
encodingCode	<p>the encoding/decoding algorithm used with the external object (example is 'base64Binary')</p> <ul style="list-style-type: none"> - base type: normalizedString, <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXSheet/TTheader/refDoc/attachment/externalReference/encodingCode) 0-1</p>
equation	<p>sign or symbol used in a mathematical equation</p> <ul style="list-style-type: none"> - base type: string, cod. table: T50 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T50.xml (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 1-1 Best Practice (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/equation) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 0-1</p> <p>- note: <i>DEPRECATED</i>, when two boundaries are needed to define the interval, use a pair of rangeBoundary elements</p>
estFaultiness	<p>percent faultiness of an article, estimated by the Supplier</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, <p>(XPath TEXSheet/TTbody/generalChar/estFaultiness) 0-1</p>
fabricCutWidth	<p>usable width of the fabric (for garments manufacturing) as technical specification</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 2, <p>(XPath TEXSheet/TTbody/construction/fabricCutWidth) 0-1</p>
fabricNameBuyer	<p>name given to the fabric (article/pattern) by the Buyer</p> <ul style="list-style-type: none"> - base type: string, max length: 250, <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/fabricNameBuyer) 0-1 (XPath TEXSheet/TTbody/generalChar/fabricNameBuyer) 0-1</p> <p>- note: <i>Do not specify this information when generalChar is obtained in TCItem; specify it at the TCitem level.</i></p>
fabricNameSupplier	<p>name given to the fabric (article/pattern) by the Supplier</p> <ul style="list-style-type: none"> - base type: string, max length: 250, <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/fabricNameSupplier) 0-1 (XPath TEXSheet/TTbody/generalChar/fabricNameSupplier) 0-1</p> <p>- note: <i>Do not specify this information when generalChar is obtained in TCItem; specify it at the TCitem level.</i></p>
fabricWeightM	<p>weight per metre of the fabric as technical specification</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 2, <p>(XPath TEXSheet/TTbody/construction/fabricWeightM) 1-1</p>
fabricWeightM2	<p>weight per square metre of the fabric as technical specification</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 2, <p>(XPath TEXSheet/TTbody/construction/fabricWeightM2) 0-1</p>
fabricWidth	<p>width of the fabric as technical specification</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 2, <p>(XPath TEXSheet/TTbody/construction/fabricWidth) 0-1</p>
@fax	<p>fax number of the contact person within a Party</p> <ul style="list-style-type: none"> - base type: string, max length: 35, <p>(XPath TEXSheet/TTheader/buyer/person/@fax) [Optional] (XPath TEXSheet/TTheader/thirdParty/person/@fax) [Optional] (XPath TEXSheet/TTheader/supplier/person/@fax) [Optional]</p>
@fibre	<p>type of fibre used in a textile product</p> <ul style="list-style-type: none"> - base type: string, cod. table: T19 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml (XPath TEXSheet/TTbody/construction/weftCount/@fibre) [Optional]</p>

	(XPath TEXSheet/TTbody/generalChar/fabricCompos/percCompos/@fibre) [Required] (XPath TEXSheet/TTbody/construction/warpCount/@fibre) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/fileName) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/fileName) 0-1 (XPath TEXSheet/TTHeader/refDoc/attachment/fileName) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content (examples xml, pdf, doc,...) - base type: string, (XPath TEXSheet/TTHeader/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@format) [Optional]
formatCode	the format of the external object (examples xml, pdf, doc,...) - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXSheet/TTHeader/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/formatCode) 0-1
@geoRefSystem	georeference system adopted for the coordinate (in example wgs84 with decimal degree o degree with minute and seconds) - base type: string, (XPath TEXSheet/TTHeader/thirdParty/geoCoordinates/@geoRefSystem) [Optional] (XPath TEXSheet/TTHeader/buyer/geoCoordinates/@geoRefSystem) [Optional] (XPath TEXSheet/TTHeader/supplier/geoCoordinates/@geoRefSystem) [Optional]
hashFootprint	footprint obtained by applying an hashing algorithm - base type: string, max length: 80, (XPath TEXSheet/TTHeader/refDoc/attachment/hashFootprint) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/hashFootprint) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/hashFootprint) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/hashFootprint) 0-1
@hashMethod	type of used hashing algorithm - base type: string, max length: 80, cod. table: NT333 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT333.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/hashFootprint/@hashMethod) [Required] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/hashFootprint/@hashMethod) [Required] (XPath TEXSheet/TTHeader/refDoc/attachment/hashFootprint/@hashMethod) [Required] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/hashFootprint/@hashMethod) [Required]
id	primary identification code of a Party; it is recommended to use an EORI number (with @numberingOrg= "EO") or the format: nation code (ISO 3166) + national tax code (i.e. VAT identification number) with @numberingOrg= "MF" - base type: string, max length: 15, (XPath TEXSheet/TTHeader/thirdParty/id) 1-1 (XPath TEXSheet/TTHeader/supplier/id) 1-1 (XPath TEXSheet/TTHeader/buyer/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath TEXSheet/TTHeader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i> (XPath TEXSheet/TTHeader/supplier/additionalIdentifier/@idQualifier) [Optional]

	- nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i>
@illuminant	CIE light source - base type: string, cod. table: T59 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T59.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/@illuminant) [Optional]
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTheader/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTheader/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i>
itemID	number of the line/item of the referenced document - base type: string, max length: 40, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/itemID) 0-1 (XPath TEXSheet/TTheader/refDoc/itemID) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/itemID) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/itemID) 0-1
L	"L" value of the CIELab color system - base type: decimal, min inclusive: 0, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/L) 1-1
legalName	legal name - base type: string, max length: 250, (XPath TEXSheet/TTheader/supplier/legalName) 0-1 (XPath TEXSheet/TTheader/thirdParty/legalName) 0-1 (XPath TEXSheet/TTheader/buyer/legalName) 0-1
lineN	number of the line item of the present message (xml document); it is set by the role that produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath TEXSheet/TTbody/TTGroup/TTGitem/lineN) 0-1
@listName	the name of the list of codes used to make an instance of the element (it might be thought as descriptive element, i.e. 'fabric printing technologies', or not, i.e. "T264") - base type: string, max length: 40, (XPath TEXSheet/TTheader/refDoc/season/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/generalChar/season/@listName) [Optional]

	<ul style="list-style-type: none"> - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/artGroup/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/color/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/season/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@listName) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg”</i>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <ul style="list-style-type: none"> - base type: string, max length: 6, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/color/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTHeader/refDoc/season/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/artGroup/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/season/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXSheet/TTbody/generalChar/season/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i>
@ln	<p>Language code.</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT60 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/description/@ln) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/description/@ln) [Optional]
@logo	<p>company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel.</p> <ul style="list-style-type: none"> - base type: string, max length: 255, (XPath TEXSheet/TTHeader/buyer/@logo) [Optional] (XPath TEXSheet/TTHeader/supplier/@logo) [Optional]
@materialSource	<p>Indicates whether the material is virgin or comes from recycling or reuse processes</p> <ul style="list-style-type: none"> - base type: string, cod. table: T306 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T306.xml (XPath TEXSheet/TTbody/generalChar/fabricCompos/ percCompos/@materialSource) [Optional]

<p>@method</p>	<p>standard protocol or method employed in a test to evaluate a characteristic or a parameter</p> <p>- base type: string, max length: 80,</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFwash/@method) [Optional] [Default= ISO-105-C06]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFperspirAcid/@method) [Optional] [Default= ISO-105-E04]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFdryClean/@method) [Optional] [Default= ISO-105-D01]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFlight/@method) [Optional] [Default= ISO-105-B02]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFwater/@method) [Optional] [Default= ISO-105-E01]</p> <p>(XPath TEXTSheet/TTbody/construction/weftCount/@method) [Optional] [Default= ISO-2060]</p> <p>(XPath TEXTSheet/TTbody/construction/bowingWarp/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/construction/warpCount/@method) [Optional] [Default= ISO-2060]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPelastWeft/@method) [Optional] [Default= BS 429 4-68]</p> <p>(XPath TEXTSheet/TTbody/ecoFeatures/qtyEcoFeatures/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/construction/weftDev/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPbending/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/construction/checksFlaw/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/construction/bowingWeft/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPspray/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/ecoFeatures/qtyEcoFeatures/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPseamSlipWeft/@method) [Optional] [Default= NF G-7117]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPbreakWarp/@method) [Optional] [Default= ISO-1 394-1]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPseamSlipWarp/@method) [Optional] [Default= N FG-7117]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSwashWidth/@method) [Optional] [Default= ISO-5077/6330]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSdryCleanLength/@method) [Optional] [Default= ISO-3175]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSdryCleanWidth/@method) [Optional] [Default= ISO-3175]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPtearWeft/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPcrease/@method) [Optional] [Default= ISO-9867]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPelastWarp/@method) [Optional] [Default= BS 42 94-68]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPpilling/@method) [Optional] [Default= UNI-E-151 2434]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPbreakWeft/@method) [Optional] [Default= ISO-13 94-1]</p> <p>(XPath TEXTSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPabrasion/@method) [Optional] [Default= EN-129 47]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFrubWet/@method) [Optional] [Default= ISO-105-X12]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFrubOrgSolv/@method) [Optional] [Default= ISO-105-D02]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFironDry/@method) [Optional] [Default= ISO-105-X11]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFrubDry/@method) [Optional] [Default= ISO-105-X12]</p> <p>(XPath TEXTSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/mechanicalProps/MPtearWarp/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFperspirAlk/@method) [Optional] [Default= ISO-105-E 04]</p> <p>(XPath TEXTSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@method) [Optional]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSsteamWidth/@method) [Optional] [Default= DIN-53894-2]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSwashLength/@method) [Optional] [Default= ISO-5077/6330]</p> <p>(XPath TEXTSheet/TTbody/dimensionStability/DSsteamLength/@method) [Optional] [Default= DIN-53894-2]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFironWet/@method) [Optional] [Default= ISO-105-X11]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFspotWater/@method) [Optional] [Default= ISO-105-E 07]</p> <p>(XPath TEXTSheet/TTbody/colorFastness/CFxeno/@method) [Optional]</p>
<p>@mime</p>	<p>the mime type of the binary object</p> <p>- base type: normalizedString,</p> <p>(XPath TEXTSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@mime) [Optional]</p>

	<p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@mime) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@mime) [Optional]</p> <p>(XPath TEXSheet/TTheader/refDoc/attachment/binaryObject/@mime) [Optional]</p>
mimeCode	<p>mime type of the external object</p> <p>- base type: normalizedString,</p> <p>(XPath TEXSheet/TTheader/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p>
minLot	<p>minimum order quantity of a product requested by the Supplier</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2,</p> <p>(XPath TEXSheet/TTbody/generalChar/minLot) 0-1</p>
minLotExclusive	<p>minimum order quantity of a product requested by the Supplier for an exclusive color</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2,</p> <p>(XPath TEXSheet/TTbody/generalChar/minLotExclusive) 0-1</p>
MPabrasion	<p>measure of abrasion resistance</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPabrasion) 0-3</p> <p>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></p>
MPbending	<p>measure of the resistance to repeated bending</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbending) 0-1</p>
MPbreakWarp	<p>measure of the break strength (warp)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWarp) 0-1</p>
MPbreakWeft	<p>measure of the break strength (weft)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWeft) 0-1</p>
MPcrease	<p>crease recovery measure of the fabric after induced wrinkling</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPcrease) 0-1</p>
MPelastWarp	<p>measure of the elasticity (warp)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWarp) 0-3</p>
MPelastWeft	<p>measure of the elasticity (weft)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWeft) 0-3</p>
MPpilling	<p>measure of pilling resistance</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPpilling) 0-3</p> <p>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></p>
MPseamSlipWarp	<p>measure of the seam slippage (warp)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp) 0-3</p> <p>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></p>
MPseamSlipWeft	<p>measure of the seam slippage (weft)</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft) 0-3</p> <p>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></p>

	<i>d forces or conditions occur.</i>
MPspray	spray test measure - base type: string, max length: 10, (XPath TEXSheet/TTbody/mechanicalProps/MPspray) 0-1
MPtearWarp	measure of the tear strength (warp) - base type: string, max length: 10, (XPath TEXSheet/TTbody/mechanicalProps/MPtearWarp) 0-3
MPtearWeft	measure of the tear strength (weft) - base type: string, max length: 10, (XPath TEXSheet/TTbody/mechanicalProps/MPtearWeft) 0-3
msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXSheet/TTheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml (XPath TEXSheet/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath TEXSheet/TTheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes. - base type: string, max length: 35, (XPath TEXSheet/TTheader/msgN) 1-1
note	free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath TEXSheet/TTheader/note) 0-99 (XPath TEXSheet/TTbody/generalChar/note) 0-99 - note: <i>here the charges for sub-optimized quantities or for samples can be specified</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath TEXSheet/TTheader/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXSheet/TTbody/generalChar/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i>
@numberingOrg	code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i> (XPath TEXSheet/TTheader/buyer/id/@numberingOrg) [Optional] (XPath TEXSheet/TTheader/refDoc/season/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTheader/supplier/id/@numberingOrg) [Optional] (XPath TEXSheet/TTheader/thirdParty/id/@numberingOrg) [Optional] (XPath TEXSheet/TTbody/generalChar/note/@numberingOrg) [Optional] - nota: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i>

	<p>(XPath TEXSheet/THeader/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXSheet/THeader/refDoc/docID/@numberingOrg) [Optional] - nota: here can be specified whose document numbering is used (e.g.: Client, Supplier, ..) (XPath TEXSheet/THeader/docID/@numberingOrg) [Optional] - nota: here can be specified whose document numbering is used (e.g.: Client, Supplier, ..) (XPath TEXSheet/Tbody/TGroup/TGitem/pattern/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/THeader/buyer/additionalIdentifier/@numberingOrg) [Optional] - nota: here the issuer of the identifier must be specified (XPath TEXSheet/THeader/note/@numberingOrg) [Optional] - nota: must be used to specify the organization that created the list of codes used in "noteLabel" (XPath TEXSheet/Tbody/TGroup/TGitem/colorCard/colorCardItem/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXSheet/Tbody/TGroup/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXSheet/Tbody/TGroup/TGitem/refDoc/season/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/THeader/supplier/additionalIdentifier/@numberingOrg) [Optional] - nota: here the issuer of the identifier must be specified (XPath TEXSheet/Tbody/TGroup/artGroup/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/colorCard/colorCardItem/refDoc/docID/@numberingOrg) [Optional] - nota: here can be specified whose document numbering is used (e.g.: Client, Supplier, ..) (XPath TEXSheet/Tbody/TGroup/TGitem/color/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXSheet/Tbody/generalChar/season/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/note/@numberingOrg) [Optional] - nota: must be used to specify the organization that created the list of codes used in "noteLabel" (XPath TEXSheet/Tbody/TGroup/TGitem/colorCard/colorCardItem/refDoc/season/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/art/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/added/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion" (XPath TEXSheet/Tbody/TGroup/TGitem/colorCard/colorCardItem/color/@numberingOrg) [Optional] - nota: this attribute should be used either single or coupled with "listName" and "listVersion"</p>
pattern	<p>pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath TEXSheet/Tbody/TGroup/TGitem/pattern) 0-unbounded - note: this element can be repeated to highlight the patterns of the article as long as the values of the relative attributes are equal (numberingOrg etc.)</p>
percCompos	<p>fiber percentage in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath TEXSheet/Tbody/generalChar/fabricCompos/percCompos) 1-9 - note: fiber % in the product composition</p>
@percSourcesRenewable	<p>indicates the percentage of renewable sources - base type: decimal, (XPath TEXSheet/Tbody/generalChar/fabricCompos/percCompos/@percSourcesRenewable) [Optional]</p>

	- nota: <i>use only for virgin material</i>
person	name of a person (e.g. contact person within an organization) - base type: string, max length: 40, (XPath TEXSheet/TTheader/thirdParty/person) 0-1 (XPath TEXSheet/TTheader/supplier/person) 0-1 (XPath TEXSheet/TTheader/buyer/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath TEXSheet/TTheader/supplier/person/@phone) [Optional] (XPath TEXSheet/TTheader/thirdParty/person/@phone) [Optional] (XPath TEXSheet/TTheader/buyer/person/@phone) [Optional]
pieceLength	length of the piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXSheet/TTbody/construction/pieceLength) 0-1
postCode	code defining the postal zone - base type: string, max length: 10, (XPath TEXSheet/TTheader/buyer/postCode) 0-1 (XPath TEXSheet/TTheader/supplier/postCode) 0-1 (XPath TEXSheet/TTheader/thirdParty/postCode) 0-1
@recyclingProcessEfficiency	recycling process efficiency rate (percentage by weight). - base type: decimal, min inclusive: 0, max inclusive: 100, (XPath TEXSheet/TTbody/generalChar/fabricCompos/ percCompos/@recyclingProcessEfficiency) [Optional] - nota: <i>process efficiency declared by the fibre supplier</i>
@recyclingProcessMethod	recycling process method - base type: string, cod. table: T307 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T307.xml (XPath TEXSheet/TTbody/generalChar/fabricCompos/ percCompos/@recyclingProcessMethod) [Optional] - nota: <i>use only for non virgin material</i>
resin	resin (coating) percentage in finished weight - base type: decimal, min inclusive: 0, (XPath TEXSheet/TTbody/construction/resin) 0-1
@role	Third Party role qualifier - base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml (XPath TEXSheet/TTheader/thirdParty/@role) [Required]
@schemeID	identifier of an identification scheme - base type: string, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/ hashFootprint/@schemeID) [Optional] - nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/attachment/hashFootprint/@schemeID) [Optional] - nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/ hashFootprint/@schemeID) [Optional] - nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i> (XPath TEXSheet/TTbody/generalChar/customsStat/@schemeID) [Optional] [Default= TARIC] - nota: <i>By default the value is TARIC, other different coding schemes must be indicated</i> (XPath TEXSheet/TTheader/refDoc/attachment/hashFootprint/@schemeID) [Optional] - nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i>
season	sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 A/W=2 Spring=3 Summer=4 Autumn=5 Winter=6: for more than four seasons use alphabetic sequence: 1st season=A 2nd season=B etc.etc. - base type: string, max length: 15, (XPath TEXSheet/TTheader/refDoc/season) 0-1

	<p>- note: here indicates the season to which the referenced document belongs (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/season) 0-1</p> <p>- note: here indicates the season to which the referenced document belongs (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season) 0-1</p> <p>- note: here indicates the season to which the referenced document belongs (XPath TEXSheet/TTbody/generalChar/season) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/season) 0-1</p> <p>- note: here indicates the season to which the referenced document belongs</p>
@sender	<p>qualifier that specifies the Party issuing of the document</p> <p>- base type: boolean, (XPath TEXSheet/TTheader/supplier/@sender) [Optional]</p> <p>- nota: This attribute is mandatory when the STYLESHEET must be used (XPath TEXSheet/TTheader/thirdParty/@sender) [Optional]</p> <p>- nota: This attribute is mandatory when the STYLESHEET must be used (XPath TEXSheet/TTheader/buyer/@sender) [Optional]</p> <p>- nota: This attribute is mandatory when the STYLESHEET must be used</p>
@source	<p>party who has provided the data</p> <p>- base type: string, cod. table: NT12 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@source) [Optional]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@source) [Optional]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@source) [Optional]</p>
specValue	<p>value requested for a property or a parameter that is measured</p> <p>- base type: decimal, (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 0-1</p> <p>- note: DEPRECATED, when two boundaries are needed to define the interval, use a pair of rangeBoundary elements (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 1-1 Best Practice</p>
@standardObserver	<p>CIE average chromatic response definition</p> <p>- base type: string, cod. table: T60 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T60.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/@standardObserver) [Optional]</p>
street	<p>street and building number identifying a location</p> <p>- base type: string, max length: 80, (XPath TEXSheet/TTheader/supplier/street) 0-1 (XPath TEXSheet/TTheader/buyer/street) 0-1 (XPath TEXSheet/TTheader/thirdParty/street) 0-1</p>
subCountry	<p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath TEXSheet/TTheader/buyer/subCountry) 0-1 (XPath TEXSheet/TTheader/supplier/subCountry) 0-1 (XPath TEXSheet/TTheader/thirdParty/subCountry) 0-1</p>
subDept	<p>name or code of a department</p> <p>- base type: string, max length: 40, (XPath TEXSheet/TTheader/supplier/subDept) 0-1 (XPath TEXSheet/TTheader/thirdParty/subDept) 0-1 (XPath TEXSheet/TTheader/buyer/subDept) 0-1</p>
tradeMark	<p>name of the official trademark of a specified product (DEPRECATED, use Brand or Product Line).</p> <p>- base type: string, max length: 50, (XPath TEXSheet/TTbody/generalChar/tradeMark) 0-1</p>
transactionReceipt	<p>transaction receipt on blockchain</p> <p>- base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/blockChainReference/transactionReceipt) 1-9 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/blockChainReference/transactionReceipt) 1-</p>

	<p>9 (XPath TEXSheet/TTheader/refDoc/attachment/blockChainReference/transactionReceipt) 1-9 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/ blockChainReference/transactionReceipt) 1-9</p>
@uid	<p>unique element identifier within the xml document - base type: string, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/@uid) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/attachment/@uid) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/@uid) [Optional] (XPath TEXSheet/TTheader/refDoc/attachment/@uid) [Optional]</p>
@um	<p>specification of the unit of measure - base type: string, cod. table: NT7 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ rangeBoundary/specValue/@um) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@um) [Optional] [Default= PPM] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@um) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@um) [Optional] (XPath TEXSheet/TTbody/construction/fabricCutWidth/@um) [Optional] [Default= CMT] (XPath TEXSheet/TTbody/construction/fabricWidth/@um) [Optional] [Default= CMT] (XPath TEXSheet/TTheader/thirdParty/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXSheet/TTheader/supplier/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXSheet/TTbody/construction/pieceLength/@um) [Optional] [Default= MTR] (XPath TEXSheet/TTbody/construction/fabricWeightM2/@um) [Optional] [Default= GRM] (XPath TEXSheet/TTheader/buyer/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXSheet/TTbody/generalChar/minLot/@um) [Required] (XPath TEXSheet/TTbody/construction/fabricWeightM/@um) [Optional] [Default= GRM] (XPath TEXSheet/TTbody/generalChar/minLotExclusive/@um) [Required]</p>
uri	<p>Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/ blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/ blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/ externalReference/uri) 1-1 (XPath TEXSheet/TTheader/refDoc/attachment/externalReference/uri) 1-1 (XPath TEXSheet/TTheader/refDoc/attachment/blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/attachment/blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/attachment/externalReference/uri) 1-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/ externalReference/uri) 1-1</p>
useIndic	<p>indicates if a given element is used in the specified object (fabric, yarn, ...) - base type: boolean, (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/useIndic) 1-1</p>
@useProfile	<p>use profile to which the present document is compliant if it was agreed by the parties. It</p>

	<p>is suggested a URI with reference to the firms or the URL of the profile.</p> <ul style="list-style-type: none"> - base type: string, <p>(XPath TEXSheet/@useProfile) [Optional]</p>
@validationMethod	<p>type of method used to validate the quantity to which it refers. For example, it indicates whether it was measured in the field, estimated indirectly, approved by an expert or taken from the literature</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT329 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT329.xml (XPath TEXSheet/TTbody/generalChar/fabricCompos/percCompos/@validationMethod) [Optional]</p>
@VAT	<p>VAT rate or code (DEPRECATED, use dtScheme element)</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT16 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml (XPath TEXSheet/TTbody/TTGroup/TTGitem/lineN/@VAT) [Optional]</p> <ul style="list-style-type: none"> - nota: <i>Deprecated, prefer dtScheme when available.</i> <p>(XPath TEXSheet/TTHeader/thirdParty/@VAT) [Optional]</p>
@version	<p>Dictionary version from which the instance has been created</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT100 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml (XPath TEXSheet/@version) [Optional] [Default= draft]</p>
warpCount	<p>measure of thinness of the warp thread</p> <ul style="list-style-type: none"> - base type: string, max length: 10, <p>(XPath TEXSheet/TTbody/construction/warpCount) 0-9</p>
warpEndsN	<p>number of warp threads in 1 centimetre</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 1, <p>(XPath TEXSheet/TTbody/construction/warpEndsN) 0-1</p>
weave	<p>type of weaving used in the manufacturing of fabric</p> <ul style="list-style-type: none"> - base type: string, cod. table: T17 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T17.xml (XPath TEXSheet/TTbody/construction/weave) 0-1</p>
weftCount	<p>measure of thinness of the weft thread</p> <ul style="list-style-type: none"> - base type: string, max length: 10, <p>(XPath TEXSheet/TTbody/construction/weftCount) 0-9</p>
weftDev	<p>deviation from right angle in weft</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, <p>(XPath TEXSheet/TTbody/construction/weftDev) 0-1</p>
weftEndsN	<p>number of weft threads in 1 centimetre</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 1, <p>(XPath TEXSheet/TTbody/construction/weftEndsN) 0-1</p>
xGeoCoord	<p>geographical coordinate x , corresponding to latitude</p> <ul style="list-style-type: none"> - base type: decimal, <p>(XPath TEXSheet/TTHeader/buyer/geoCoordinates/xGeoCoord) 1-1 (XPath TEXSheet/TTHeader/supplier/geoCoordinates/xGeoCoord) 1-1 (XPath TEXSheet/TTHeader/thirdParty/geoCoordinates/xGeoCoord) 1-1</p>
yGeoCoord	<p>geographical coordinate y , corresponding to longitude</p> <ul style="list-style-type: none"> - base type: decimal, <p>(XPath TEXSheet/TTHeader/supplier/geoCoordinates/yGeoCoord) 1-1 (XPath TEXSheet/TTHeader/thirdParty/geoCoordinates/yGeoCoord) 1-1 (XPath TEXSheet/TTHeader/buyer/geoCoordinates/yGeoCoord) 1-1</p>
zGeoCoord	<p>geographical coordinate z , corresponding to altitude</p> <ul style="list-style-type: none"> - base type: decimal, <p>(XPath TEXSheet/TTHeader/thirdParty/geoCoordinates/zGeoCoord) 0-1</p> <ul style="list-style-type: none"> - note: <i>altitude might be omitted</i> <p>(XPath TEXSheet/TTHeader/supplier/geoCoordinates/zGeoCoord) 0-1</p> <ul style="list-style-type: none"> - note: <i>altitude might be omitted</i> <p>(XPath TEXSheet/TTHeader/buyer/geoCoordinates/zGeoCoord) 0-1</p> <ul style="list-style-type: none"> - note: <i>altitude might be omitted</i>

2.3 Suggested best practices

TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary (Descriptor of a boundary of a range of values declared for a property or a parameter)

example: in case of interval of values between X and Y

TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**TEXSheet/TTbody/TTGroup/TTGitem/colorCard/
colorCardItem/refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

TEXSheet/TTbody/TTGroup/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

TEXSheet/TTheader/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation (sign or symbol used in a mathematical equation)

Used WHEN the value interval is defined by only one boundary; example is values greater than X

TEXSheet/TTheader/refDoc/attachment/externalReference/mimeCode (mime type of the external object)

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/
externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TEXSheet/TTbody/TTGroup/refDoc/attachment/
externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TEXSheet/TTbody/TTGroup/TTGitem/colorCard/
colorCardItem/refDoc/attachment/externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue (value requested for a property or a parameter that is measured)

Used WHEN the value interval is defined by only one boundary; example is values greater than X

2.4 Enumeration tables

List of enumeration tables used in the XML document. You can find all the tables with the corresponding codes at:
<http://www.ebiz.enea.it/eBIZ/imple/eBIZTCU-draft.asp?lingua=en&pag=6>

NT100 - eBIZ TCFUpstream version
NT12 - data source
NT16 - VAT rate or code
NT18 - message function
NT2 - third party qualifier
NT26 - color type
NT29 - format of a date
NT329 - type of validation method of the value
NT333 - type of hashing algorithm
NT6 - coding system owner/issuer
NT60 - language, codes from ISO 639-1 (subset)
NT7 - unit of measure
T10 - ISO3166 - Country
T15 - dye/print process type
T16 - dyestuff type
T17 - weave type
T19 - fibre type
T21 - type of document
T306 - material circularity attribute
T307 - recycling process method
T44 - additional code type
T49 - chemical elements
T50 - equation sign
T59 - CIE illuminant
T60 - CIE standard observer

(the most relevant tables are detailed in the following Annexes too)

ACKNOWLEDGEMENT



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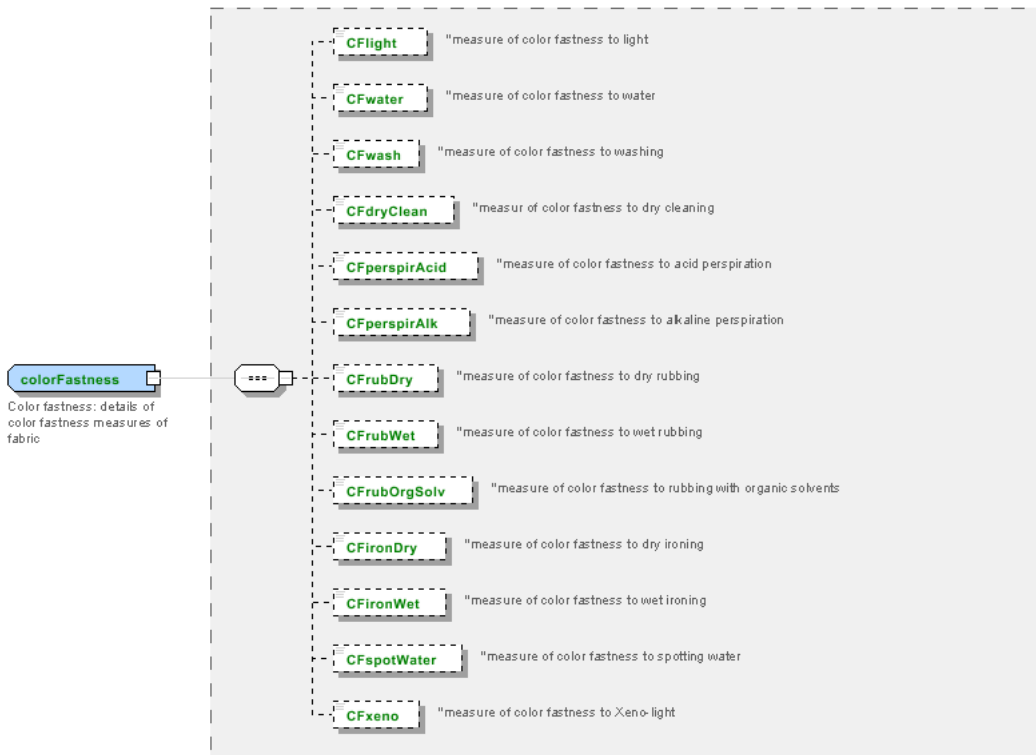
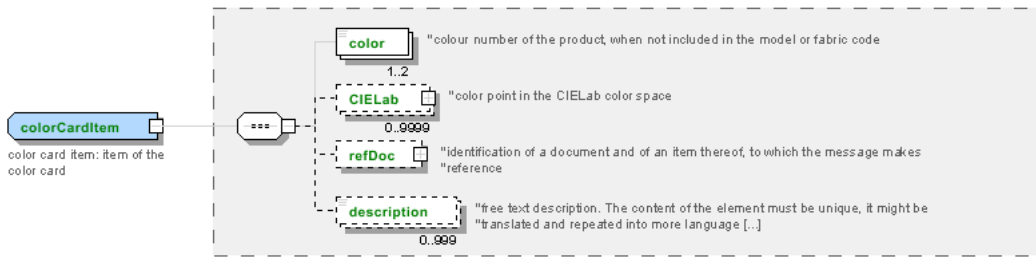
DISCLAIMER

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The European Commission does not accept any responsibility for use that may be made of the information it contains.

Annex A

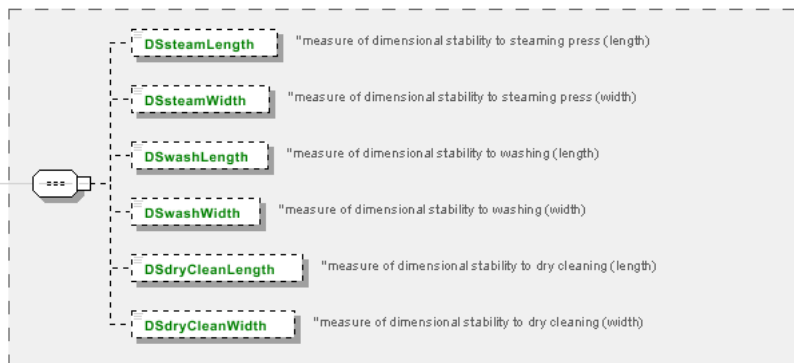
Representative images of the principal complex elements' structure.



construction
 Construction details fabric: construction data and features included in the technical sheet of the fabric article



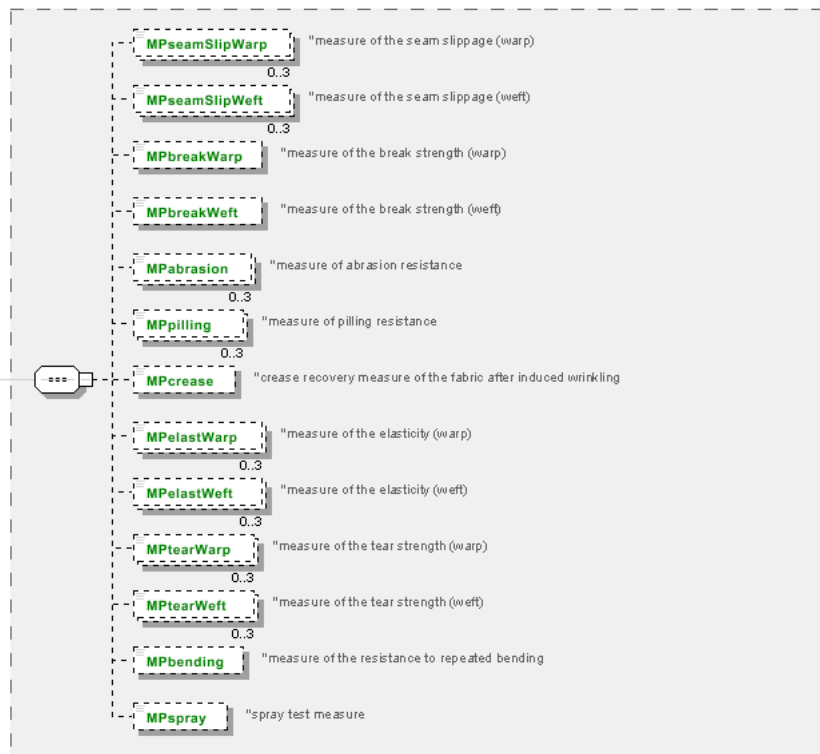
dimensionStability
 Dimensional stability: details of dimensional stability measures of fabric

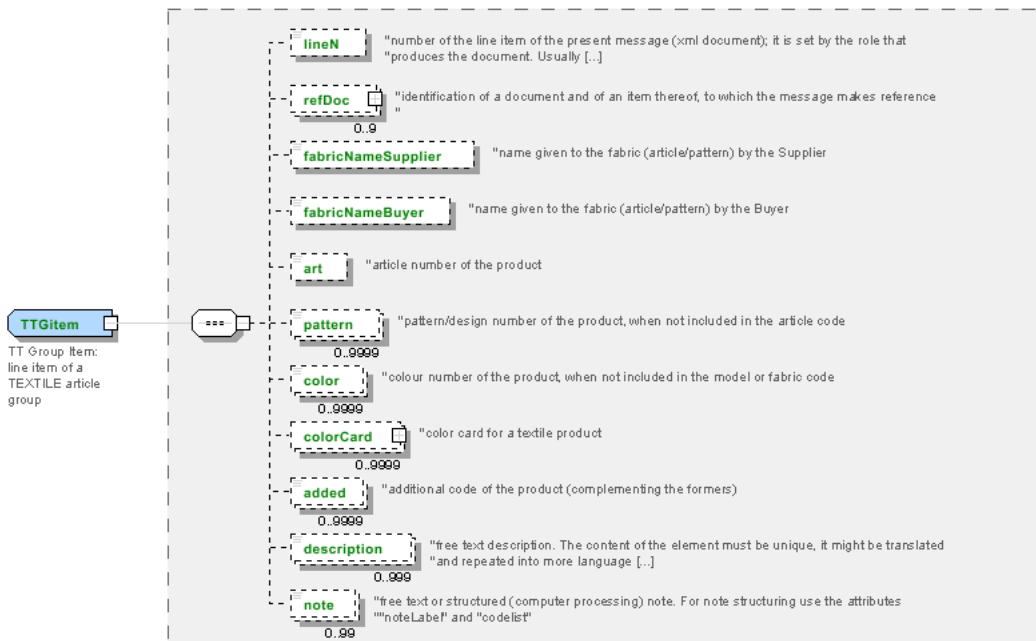
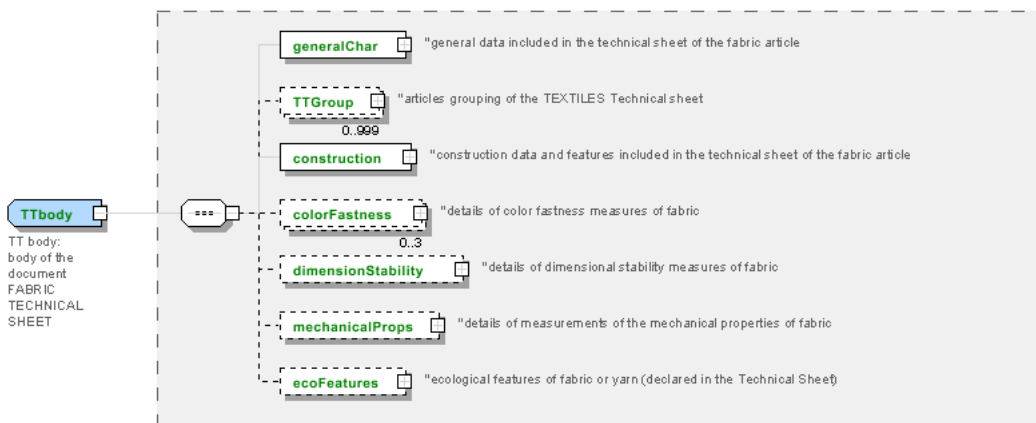
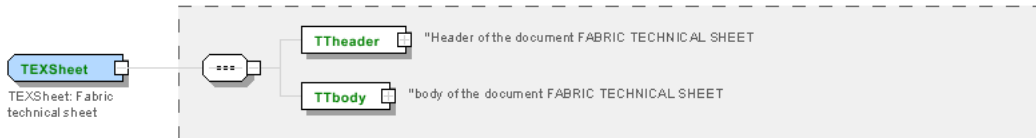
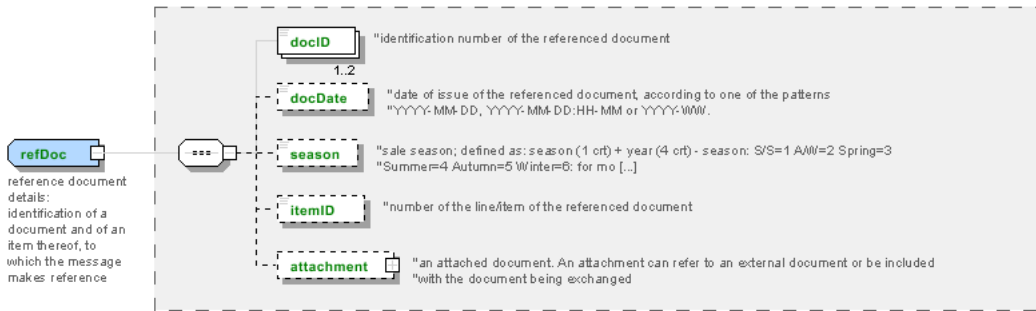


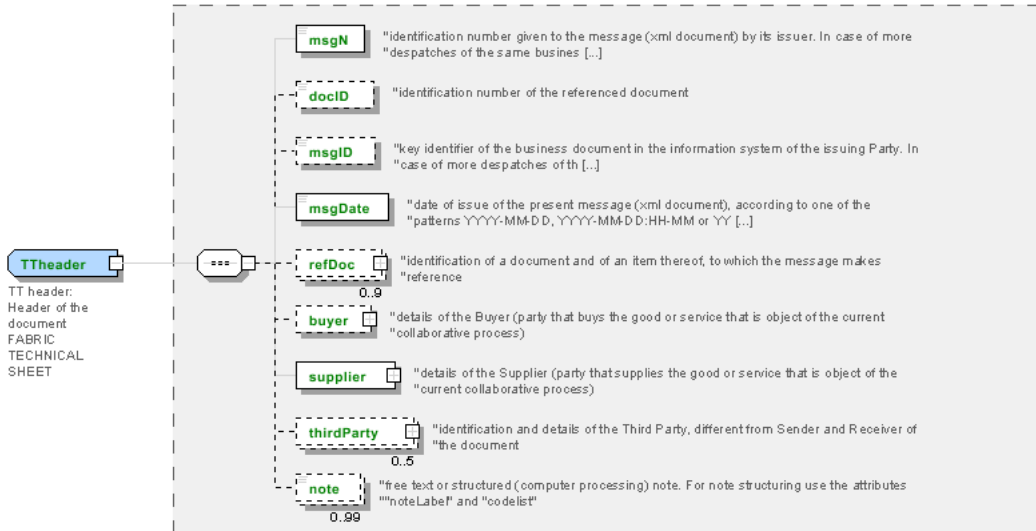
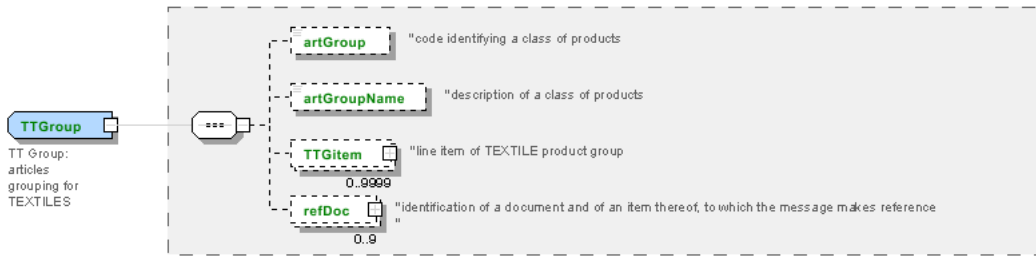
generalChar
 General characteristics fabric: general data included in the technical sheet of the fabric article



mechanicalProps
 Mechanical properties fabric: details of measurements of the mechanical properties of fabric
















Annex B

BS EN 23758: 1994 Textiles - Care Labelling Code Using Symbols

Wash	Description
	Maximum temperature 95°C Mechanical action normal Rinsing normal Spinning normal
	Maximum temperature 95°C Mechanical action reduced Rinsing and gradually reducing temperature (Cool down) Spinning
	Maximum temperature 70°C Mechanical action normal Rinsing normal Spinning normal
	Maximum temperature 60°C Mechanical action normal Rinsing normal Spinning normal
	Maximum temperature 60°C Mechanical action reduced Rinsing at gradually decreasing temperature (Cool down) Spinning reduced
	Maximum temperature 50°C Mechanical action reduced Rinsing at gradually decreasing temperature (Cool down) Spinning reduced
	Maximum temperature 40°C Mechanical action normal Rinsing at gradually decreasing temperature (cool down) Spinning normal
	Maximum temperature 40°C Mechanical action reduced Rinsing at gradually decreasing temperature Spinning reduced
	Maximum temperature 40°C Mechanical action reduced Rinsing normal Spinning normal Do Not Wring By Hand



Maximum temperature 30°C
 Mechanical action much reduced
 Rinsing normal
 Spinning reduced



Hand Wash only
 Do not machine wash
 Maximum temperature 40°C
 Handle with care



Do not wash
 Be cautious when treating in wet stage

Bleach

Description



Chlorine based bleaching allowed.
 Only cold and dilute solution



Do not use Chlorine based bleach

Iron

Description

Setting

Article



Iron at maximum soleplate temperature 200°C

Hot iron

Cotton,
 Linen,
 Viscose or Modified Viscose



Iron at maximum soleplate temperature 150°C

Warm iron

Polyester mixes, Wool



Iron at maximum soleplate temperature 110°C
 Steam ironing may be risky

Cool iron

Acrylic,
 Nylon,
 Acetate,
 Triacetate,
 polyester



Steaming and steam iron treatments are not allowed

Do not iron

Articles which require no ironing

Tumble Dry

Description



Tumble drying possible
Normal drying cycle



Tumble drying possible
Dry at lower temperature setting



Do not tumble dry

Dry Clean

Description



Dry cleaning in all solvents normally used for dry cleaning - this includes all solvents listed for the symbol P, plus Trichloroethylene & 1,1,1, - Trichloroethylene



Dry cleaning in Tetrachloroethylene, Monofluorotrichloroethylene and all solvents listed for the symbol F
Normal cleansing procedures without restrictions



Dry cleaning in the solvents listed in the previous paragraph.
Strict limitations on the addition of water and or mechanical action and or temperature during cleaning and or drying
No self service cleaning allowed



Dry cleaning in Trifluorotrichloroethane, white spirit (distillation temperature between 150°C and 210°C flash point 38°C - 60°C)



Dry cleaning in the solvents listed in the previous paragraph
Strict limitations on the addition of water and or mechanical action during cleaning and or drying
No self service cleaning allowed



Do not dry clean
No stain removal with solvents

Annex C

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

Decoding table: NT100

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml

Code	Description	Adoption note	Date of insertion
2013-1	v2013-1		01/07/2013
2018-1	v2018-1		04/11/2018
draft	draft		08/09/2017

NT12 - data source

party who has provided the data

Agency name: eBIZ

Decoding table: NT12

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml

Code	Description	Adoption note	Date of insertion
AC	internal test		
CO	external test		
CV	test after steaming		

NT16 - VAT rate or code

VAT rate or code (DEPRECATED, use dtScheme element)

Decoding table: NT16

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml

NT18 - message function

function performed by the present message with regards to the transmission

Agency name: eBIZ

Decoding table: NT18

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml

Code	Description	Adoption note	Date of insertion
------	-------------	---------------	-------------------

CA	delete this document		01/07/2013
CP	copy		
OR	original		
RC	re-transmission for data correction		
RT	re-transmission		

NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

Decoding table: NT2

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
AU	Auditor		08/04/2019
BU	Buyer		13/06/2022
CE	Certification authority		08/04/2019
CM	Commissioner		13/06/2022
CO	Quality Controller		
CU	Customs authority		13/06/2022
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
EX	Expert		13/06/2022
IM	Importer		
OR	Originator		10/09/2014
SC	Sub contractor		10/04/2019
SM	Service/ePlatform manager		08/04/2019
SP	Forwarder		
SU	Supplier		13/06/2022
TL	Test or analysis laboratory		13/06/2022
TX	Tax Representative		

NT26 - color type

type of color to which a "color fastness" value refers

Agency name: eBIZ

Decoding table: NT26

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT26.xml

Code	Description	Adoption note	Date of insertion
D	dark		
L	light		
P	pastel		

NT29 - format of a date

format used for the date

Agency name: eBIZ

Decoding table: NT29

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml

Code	Description	Adoption note	Date of insertion
D	YYYY-MM-DD		
M	YYYY-MM-DD:HH-MM (date and time)		
S	AAAA-MM-GG:HH-MM-SS (date and time with seconds)		13/06/2022
W	YYYY-WW		

NT329 - type of validation method of the value

indicates the type of method used to validation and calculate the quantity to which it refers; used to express the data faithfulness

Agency name: eBIZ

Decoding table: NT329

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT329.xml

Code	Description	Adoption note	Date of insertion
CER	third party certification		11/06/2023
EST	estimate		12/05/2023
EXP	confirmed by an expert		19/05/2023
LAB	laboratory test		11/06/2023
LIT	literature	refer to a literature analysis outcome	12/05/2023
MON	monitoring	refer to continuous measurement in field	12/05/2023
REV	confirmed by review		11/06/2023

SAM	sampling	refer to a sample measurement in field	12/05/2023
SUP	supplier declaration		11/06/2023

NT333 - type of hashing algorithm

type of hashing algorithm

Decoding table: NT333

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT333.xml

Code	Description	Adoption note	Date of insertion
ADLER32	ADLER32		26/05/2023
HMAC	HMAC		26/05/2023
MD2	MD2		26/05/2023
MD4	MD4		26/05/2023
MD5	MD5		26/05/2023
MDC-2	MDC-2		26/05/2023
PANAMA	PANAMA		26/05/2023
RIPEMD-160	RIPEMD-160		26/05/2023
SHA-1	SHA-1		26/05/2023
SHA-2 256	SHA-2 256		26/05/2023
SHA-2 384	SHA-2 384		26/05/2023
SHA-2 512	SHA-2 512		26/05/2023
TIGER	TIGER		26/05/2023

NT6 - coding system owner/issuer

code specifying the organisation who has created or owns the registers of the present coding or numbering system

Agency name: eBIZ

Decoding table: NT6

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml

Code	Description	Adoption note	Date of insertion
CBR	National customs brokers registry		12/06/2023
CL	Customer/buyer		
CO	Quality Controller		
DU	D-U-N-S registry (Data Universal Numbering System)		04/05/2023
EB	eBIZ	replaces 'ML'	18/03/2019
EN	GS1 (ex-EAN International)		

EO	Registro EORI (Economic Operators Registration and Identification number)		04/03/2023
ES	e-Stockflow	DEPRECATED	
FO	Supplier		
GS	GS1		01/07/2013
MF	national taxation authority (i.e. VAT codes registry)		
ML	Moda-ML	DEPRECATED	
PL	Application Platform		13/06/2022
REX	Registered Exporter system (REX)		19/05/2023
SP	Service Provider		
SU	Enterprise Identification Number UID	Only switzerland	04/03/2023

NT60 - language, codes from ISO 639-1 (subset)

Agency name: eBIZ / ISO

Decoding table: NT60

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml

Code	Description	Adoption note	Date of insertion
af	Afrikaans		31/01/2019
ar	Arabic		31/01/2019
be	Belarusian		31/01/2019
bg	Bulgarian		31/01/2019
bn	Bengali		31/01/2019
bo	Tibetan		31/01/2019
bs	Bosnian		31/01/2019
ca	Catalan, Valencian		31/01/2019
cs	Czech		31/01/2019
da	Danish		31/01/2019
de	German		31/01/2019
el	Greek, Modern (1453-)		31/01/2019
en	English		31/01/2019
eo	Esperanto		31/01/2019
es	Spanish, Castilian		31/01/2019
et	Estonian		31/01/2019
eu	Basque		31/01/2019
F	Female		15/04/2019
fa	Persian		31/01/2019
fi	Finnish		31/01/2019

fr	French		31/01/2019
ga	Irish		31/01/2019
gd	Gaelic, Scottish Gaelic		31/01/2019
gn	Guarani		31/01/2019
he	Hebrew		31/01/2019
hr	Croatian		31/01/2019
ht	Haitian, Haitian Creole		31/01/2019
hu	Hungarian		31/01/2019
hy	Armenian		31/01/2019
ia	Interlingua (International Auxiliary Language Association)		31/01/2019
id	Indonesian		31/01/2019
is	Icelandic		31/01/2019
it	Italian		31/01/2019
ja	Japanese		31/01/2019
jv	Javanese		31/01/2019
ka	Georgian		31/01/2019
km	Central Khmer		31/01/2019
ko	Korean		31/01/2019
ku	Kurdish		31/01/2019
lb	Luxembourgish, Letzeburgesch		31/01/2019
lo	Lao		31/01/2019
lt	Lithuanian		31/01/2019
lv	Latvian		31/01/2019
mg	Malagasy		31/01/2019
mk	Macedonian		31/01/2019
mn	Mongolian		31/01/2019
mt	Maltese		31/01/2019
nl	Dutch, Flemish		31/01/2019
no	Norwegian		31/01/2019
pl	Polish		31/01/2019
pt	Portuguese		31/01/2019
ro	Romanian, Moldavian, Moldovan		31/01/2019
ru	Russian		31/01/2019
se	Northern Sami		31/01/2019
sk	Slovak		31/01/2019
sl	Slovenian		31/01/2019
sm	Samoan		31/01/2019
so	Somali		31/01/2019

sq	Albanian		31/01/2019
sr	Serbian		31/01/2019
sv	Swedish		31/01/2019
sw	Swahili		31/01/2019
ta	Tamil		31/01/2019
th	Thai		31/01/2019
tr	Turkish		31/01/2019
uk	Ukrainian		31/01/2019
ur	Urdu		31/01/2019
uz	Uzbek		31/01/2019
vi	Vietnamese		31/01/2019
zh	Chinese		31/01/2019

NT7 - unit of measure

specification of the unit of measure, it is a sub set of table Unit of Measure Code - UN/ECE REC 20 delivered by United Nations Economic Commission for Europe (UN/ECE)

Agency name: eBIZ / UN/ECE

Decoding table: NT7

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml

Other link: <http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/UnitOfMeasureCode-2.1.gc#>

Code	Description	Adoption note	Date of insertion
CMK	square centimetre		20/12/2017
CMQ	cubic centimetre		20/12/2017
CMT	centimetre		
CNE	centiNewton		
CO2TON	ton of CO2		10/09/2014
COUPLES	couples		
DAY	day		22/08/2022
DEGD	decimal degrees		04/07/2022
DEGMS	degrees with minutes and seconds		01/07/2022
DMQ	cubic decimetre		
E37	pixel		11/04/2018
GRM	gram		
HUR	hour		
INH	inch		
KGM	kilogram		
KMT	kilometer		

KWH	kilowatthours		10/09/2014
LBR	pound		
MCG	microgram		23/08/2022
MG	milligram		23/08/2022
MIN	minute		
MMK	square millimetre		20/12/2017
MONTH	month		22/08/2022
MSEC	millisecond (time)		22/08/2022
MTK	square metre		20/12/2017
MTQ	cubic metre		
MTR	metre		
NMB	numero		
ONZ	ounce		
P1	percent		
PPM	parts per milion		
PZ	piece		
RPM	rounds per metre		
SEC	second (time)		22/08/2022
YEAR	year		22/08/2022
YRD	yard		

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

Decoding table: T10

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml

Table not printed: there are 240 elements, more than the maximum specified for printing: 99.

T15 - dye/print process type

dye process applied to the fabric

Agency name: eBIZ

Decoding table: T15

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T15.xml

Code	Description	Adoption note	Date of insertion
CP	cylinder printing		

DP	discharge printing		
FI	fibre dyed - spun dyed		
PC	piece dyed		
PR	printing		
SP	screen printing		
TP	top dyed		01/07/2013
YR	yarn dyed		

T16 - dyestuff type

dye stuff used in the fabric dye process

Agency name: eBIZ

Decoding table: T16

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T16.xml

Code	Description	Adoption note	Date of insertion
AC	chrome acid dyestuff		
AN	acid dyestuff		
CA	basic dyestuff		
DI	direct dyestuff		
DS	disperse dyestuff		
NP	naphtol dyestuff		
PI	pigment		01/07/2013
PM	premetallized dyestuff		
RE	reactive dyestuff		
SU	sulfur		01/07/2013

T17 - weave type

type of weaving used in the manufacturing of fabric

Agency name: eBIZ

Decoding table: T17

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T17.xml

Code	Description	Adoption note	Date of insertion
BA	2/2 twill weave		
BE	birdseye weave		
CO	corduroy weave		

DE	derived weave		
DO	double weave		
GA	gauze		
GR	granite weave		
HO	honeycomb weave		
HS	hopsack weave		
MA	mat weave		
PL	plain weave		
SA	satin weave		
TO	towel weave		
TR	tricot weave		
TW	twill weave		
V	V-weave		
W	W-weave		

T19 - fibre type

type of fibre used in a textile product

Agency name: eBIZ

Decoding table: T19

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml

Code	Description	Adoption note	Date of insertion
AB	abaca		20/08/2018
AC	acetate		
AF	other fibres		
AG	alginic fibre		
AL	alfa		20/08/2018
AR	aramid		25/04/2022
CA	hemp		
CC	coir (coconut)		20/08/2018
CL	chlorofibre		
CO	cotton		
CU	cuprous		
EA	elastan		
EF	elastolefin		25/04/2022
EL	Elastodiene		20/08/2018
EM	elastomultiester		25/04/2022

FL	fluorofibre		
GI	broom		20/08/2018
GL	textile glass		
HA	hair		20/08/2018
HE	henequen		20/08/2018
HL	mixed linen		
JU	jute		
KE	kenaf		20/08/2018
KP	kapoc		20/08/2018
LI	linen		
LY	lyocell		20/08/2018
MA	modacrylic		
MD	modal		
ME	metallized		
MG	maguey		20/08/2018
MM	melamine		25/04/2022
PA	polyamide		
PB	polyureic		
PC	acrylic		
PE	polyethylene		
PI	paper		20/08/2018
PL	polyester		
PM	polyimide		
PO	polilactyd		25/04/2022
PP	polypropylene		
PR	proteic		
PU	polyurethane		
RA	ramie		20/08/2018
SE	silk		
SI	sisal		20/08/2018
SN	sun		20/08/2018
TA	triacetate		
TR	textile residues or unspecified composition		20/08/2018
TV	trivinyll		
VI	viscose		
VY	vinylal		
WA	angora		
WB	beaver		20/08/2018

WC	cashgora		
WG	vicuna		
WK	camel		
WL	llama		
WM	mohair		
WN	lapin		20/08/2018
WO	wool		
WP	alpaca		
WS	cashmere		
WT	Oteer		20/08/2018
WU	guanaco		
WV	virgin wool		
WY	yack		

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

Decoding table: T21

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml

Code	Description	Adoption note	Date of insertion
BIL	Bill of lading		07/03/2023
BOR	Blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
CMR	CMR consignment note		07/03/2023
COC	Colour card		
CRN	Credit note		08/09/2017
CTO	Checking order		01/07/2013
CTR	Contract		
CXF	CxF3 file		01/07/2013
DAD	Darn order		
DDT	Delivery note (transport document)		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014

EAD	Export Accompanying Document	adopted by European customs	12/05/2023
ECMR	electronic CMR consignment note		07/03/2023
ECUS	EXPORT Custom Declaration		07/03/2023
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
ICUS	IMPORT Custom Declaration		07/03/2023
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
LCA	LCA study		28/08/2022
LCAD	LCA study dataset		28/08/2022
M2M	Made to Measure Production Order		02/12/2014
MAS	Master marker		
MCI	Visual merchandising instruction		13/04/2018
OCH	Order change		
OFF	Offer		
ORD	Purchase order		
ORP	Order response		
OSR	order status request		
OSS	Offer status		02/12/2014
OST	Order status		
OUR	our reference		
PCO	Preferential certificate of origin		07/03/2023
PEF	PEF study		28/08/2022
PEFD	PEF study dataset		28/08/2022
PEFP	PEF environmental profile		07/03/2023
QR	Quality Report		02/12/2014
RAI	Raw Material in Work Inventory Report		02/12/2014
RDC	Raw dyeing commission order		
RDH	Raw dyeing order change		
RDR	Raw dyeing order response		
REA	Receiving advise		
REQ	Request for Offer		
RET	Return		02/12/2014
RSC	Spinning commission order		
RSH	Spinning order change		
RSR	Spinning order response		

SAD	Single Administrative Document	adopted by European customs	12/05/2023
SCL	Process sheet		
SDE	Self-declaration		07/03/2023
SDS	SDS - Safety data sheet		07/03/2023
SLCA	S-LCA Study		07/03/2023
SLCAD	S-LCA Study documentation		07/03/2023
TFC	Textile dyeing-finishing commission order		
TFX	Textile Dyeing-Finishing Order Change		02/12/2014
TPC	Textile printing commission order		
TPX	Textile Printing Order Change		02/12/2014
TWI	Textile in work inventory		
VMI	visual merchandising instructions		01/02/2018
WAC	Warping commission order		
WAYB	Waybill		07/03/2023
WEC	Weaving commission order		
YDC	Yarn dyeing commission order		
YDH	Yarn dyeing order change		
YDR	Yarn dyeing order response		
YTC	Twisting commission order		
YWI	Yarn in work inventory		

T306 - material circularity attribute

Indicates whether the material is virgin or comes from recycling or reuse processes

Agency name: eBIZ for TRICK

Decoding table: T306

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T306.xml

Code	Description	Adoption note	Date of insertion
REU	Reused material		30/08/2022
SCL	Secondary raw materials	adopt this for any secondary raw material when information about the first or following loop is not available	22/07/2022
SCL1	Secondary raw materials - first loop		22/07/2022
SCLx	Secondary raw materials - loop following the first one		22/07/2022
VRG	Virgin raw material	adopt this for any virgin raw material when biobased information is not available	22/07/2022

VR GB	Virgin raw material - biobased		23/03/2023
VR GN	Virgin raw material - not biobased		23/03/2023

T307 - recycling process method

Agency name: eBIZ for TRICK

Decoding table: T307

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T307.xml

Code	Description	Adoption note	Date of insertion
CHMD	chemical recycling (dissolution)		28/07/2022
CHMP	chemical recycling (depolymerization)		28/07/2022
ENZ	enzymatic recycling		01/09/2022
MEC	mechanical recycling		28/07/2022
THE	thermal recycle		31/08/2022
THMC	thermo-mechanical recycling		01/09/2022

T44 - additional code type

qualifier of the additional coding of a product

Agency name: eBIZ

Decoding table: T44

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml

Code	Description	Adoption note	Date of insertion
CC	colour card		
CL	sales collection		
CO	company identification code		08/09/2017
DY	dye number		
LT	lot number		
MDI	Made in		08/09/2017
MS	manufacturing state		
PKG	packaging		09/09/2014
PL	product line		
RGB	RGB value		
SE	selvedge code		

T49 - chemical elements

chemical element or compound relevant to the analysis of fabric or yarn

Agency name: eBIZ

Decoding table: T49

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T49.xml

Code	Description	Adoption note	Date of insertion
ALD	allergenic dye-stuff		
APE	alogenate pesticide		
AS	ARSENIC		
AZD	azo-dyes		
CAD	cancerogen dye-stuff		
CD	CADMIUM		
CO	COBALT		
CR	CHROME		
CR6	CHROME VI		
CU	COPPER		
DCA	dye plant carrier		
FFO	free formaldeyde		
HG	MERCURIUM		
NI	NICKEL		
PB	LEAD		
PCB	polychlorobiphenyl		
PH	pH		
PPD	postchromed or premetalised dyes		
XCF	chlorophenols		

T50 - equation sign

sign or symbol used in a mathematical equation

Decoding table: T50

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T50.xml

Code	Description	Adoption note	Date of insertion
EQ	equal to		
LE	less than or equal		17/12/2018
LT	less than		

ME	more than or equal		17/12/2018
MT	more than		

T59 - CIE illuminant

CIE light source

Decoding table: T59

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T59.xml

Code	Description	Adoption note	Date of insertion
A	home tungsten CCT 2856K		01/07/2013
C	daylight CCT 6774K		01/07/2013
D50	daylight CCT 5003K		01/07/2013
D65	solar standard CCT 6504K		01/07/2013
F11	fluorescent narrow band CCT 4000K (TL84)		01/07/2013
F2	cold white fluorescent CCT 4230K		01/07/2013
F7	fluorescent broad band CCT 6500K		01/07/2013

T60 - CIE standard observer

CIE average chromatic response definition

Decoding table: T60

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T60.xml

Code	Description	Adoption note	Date of insertion
31	CIE-1931		01/07/2013
64	CIE-1964		01/07/2013