http://www.moda-ml.org

IMPLEMENTATION GUIDE

TRANSACTION "TEXTILE CATALOGUE"

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 "Textile CATALOGUE", providing all the instruction required for its use in any context of e-commerce between Apparel Producers and Fabric Producers.
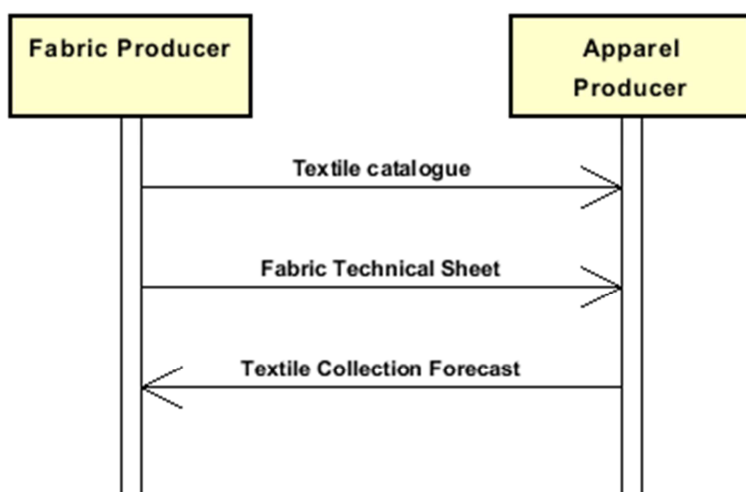All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section "Implementation guide".

1.2 Generalities

This document is usable less for a sales catalogue than to exchange in advance the product data between the Supplier and the Customer, in order to synchronize their product data-bases.
It lists the articles composing the Fabric Producer's offer (codes, descriptions, prices and sales conditions) and can include some of the technical data (composition, weight and width, construction specifications, ...).

1.3. Possible scenario

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

TEXCatalog
@msgfunction [Optional] [Default= OR]
    TCheader 1-1
        msgN 1-1
      - choose -
       msgID 0-1
      - or -
        docID 0-1
       @numberingOrg [Optional]
      - end choose -
       msgDate 1-1
       @dateForm [Optional]
       msgCurrency 0-1
       season 0-1
       validityStart 0-1
       @dateForm [Optional]
       validityEnd 0-1
       @dateForm [Optional]
       buyer 0-1
       @logo [Optional]
       @sender [Optional]
          id 1-1
         @numberingOrg [Optional]
         legalName 0-1
         dept 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
       supplier 1-1
       @logo [Optional]
       @sender [Optional]
          id 1-1
         @numberingOrg [Optional]
         legalName 0-1
         dept 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
        note 0-5
         @numberingOrg [Optional]
         @codeList [Optional]
         @noteLabel [Optional]

TCbody 1-1
    TCgroup 1-unbounded
            artGroup 0-1
             @numberingOrg [Optional]
             @codeList [Optional]
             @listName [Optional]
             @listVersion [Optional]
            artGroupName 0-1
            TCitem 1-unbounded
                lineN 1-1
                 @VAT [Optional]
                fabricNameSupplier 0-1
                art 1-1
                 @numberingOrg [Optional]
                 @codeList [Optional]
                 @listName [Optional]
                 @listVersion [Optional]
                pattern 0-1
                 @numberingOrg [Optional]
                 @codeList [Optional]
                 @listName [Optional]
                 @listVersion [Optional]
                color 0-99
                 @numberingOrg [Optional]
                 @codeList [Optional]
                 @listName [Optional]
                 @listVersion [Optional]
                added 0-99
                 @addType [Optional]
                catalogPrice 0-9
                 @um [Required]
                 @minQty [Optional]
                 @garmentMarket [Optional]
                generalChar 0-1
                    fabricNameSupplier 1-1
                    fabricNameBuyer 0-1
                    season 0-1
                    tradeMark 0-1
                    customsStat 0-1
                    fabricCompos 1-1
                        percCompos 1-9
                         @fibre [Required]
                    dyeProcess 0-1
                    dyeStuff 0-1
                    careLabel 0-1
                    minLot 0-1
                     @um [Required]
```

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minLotExclusive 0-1
 @um [Required]
avgDeliveryDD 0-1
estFaultiness 0-1
note 0-5
 @numberingOrg [Optional]
 @codeList [Optional]
 @noteLabel [Optional]
construction 0-1
    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
note 0-1
 @numberingOrg [Optional]
 @codeList [Optional]
 @noteLabel [Optional]

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 sintax 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.

buyer	details of the Buyer - base type: , (XPath: TEXCatalog/TCheader/buyer) 0-1
construction	construction data and features included in the technical sheet of the fabric article (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction) 0-1
fabricCompos	composition of the fabric according to the Directory 97/37/CE (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/fabricCompos) 1-1
generalChar	general data included in the technical sheet of the fabric article (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar) 0-1
supplier	details of the Supplier - base type: , (XPath: TEXCatalog/TCheader/supplier) 1-1
TCbody	body of the document TEXTILES CATALOGUE (XPath: TEXCatalog/TCbody) 1-1
TCgroup	articles grouping of the TEXTILES CATALOGUE (XPath: TEXCatalog/TCbody/TCgroup) 1-unbounded - note: *this level is created to allow articles grouping by families*
TCheader	header of the document TEXTILES CATALOGUE (XPath: TEXCatalog/TCheader) 1-1
TCitem	line item of the message TEXTILES CATALOGUE (XPath: TEXCatalog/TCbody/TCgroup/TCitem) 1-unbounded

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.

added	additional code of the product (complementing the formers) - base type: string, max length: 15, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/added) 0-99 - note: *this data can be iterated to show the colours available for the article*
@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/added/@addType) [Optional]
art	article number of the product - base type: string, max length: 25, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/art) 1-1

artGroup	code identifying a class of products - base type: string, max length: 40, (XPath: TEXCatalog/TCbody/TCgroup/artGroup) 0-1
artGroupName	description of a class of products - base type: string, max length: 70, (XPath: TEXCatalog/TCbody/TCgroup/artGroupName) 0-1
avgDeliveryDD	avarage time (workdays) between order receipt and delivery of an article, specified by the Supplier - base type: duration, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/avgDeliveryDD) 0-1
bowingWarp	warp bowing - base type: decimal, min inclusive: 0, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/bowingWarp) 0-1
bowingWeft	weft bowing - base type: decimal, min inclusive: 0, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/bowingWeft) 0-1
careLabel	codification of the care instructions printed on the label (ISO 3758) - base type: string, length: 5, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/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.*
catalogPrice	price shown in the Supplier's Catalogue - base type: decimal, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/catalogPrice) 0-9 - note: *this data can be iterated when the price depends on the purchased quantity (see attribute "minQty")*
checksFlaw	flaw in checks - base type: decimal, min inclusive: 0, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/checksFlaw) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath: TEXCatalog/TCheader/supplier/city) 0-1 (XPath: TEXCatalog/TCheader/buyer/city) 0-1
@codeList	it specifies the URL where the list of codes used to make an instance of the element can be found - base type: string, max length: 255, (XPath: TEXCatalog/TCheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/color/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXCatalog/TCbody/TCgroup/artGroup/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/art/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/pattern/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others*
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/color) 0-99 - note: *this data can be iterated to show the colours available for the article*

country	code of the nation - base type: string, cod. table: T10, (XPath: TEXCatalog/TCheader/buyer/country) 0-1 (XPath: TEXCatalog/TCheader/supplier/country) 0-1
customsStat	statistic code assigned by Customs to a specified product - base type: string, max length: 15, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/customsStat) 0-1
@dateForm	format used for a date - base type: string, cod. table: NT29, (XPath: TEXCatalog/TCheader/validityEnd/@dateForm) [Optional] (XPath: TEXCatalog/TCheader/msgDate/@dateForm) [Optional] (XPath: TEXCatalog/TCheader/validityStart/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath: TEXCatalog/TCheader/buyer/dept) 0-1 (XPath: TEXCatalog/TCheader/supplier/dept) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY) - base type: string, max length: 35, (XPath: TEXCatalog/TCheader/docID) 0-1
dyeProcess	dye process applied to the fabric - base type: string, cod. table: T15, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/dyeProcess) 0-1
dyeStuff	dye stuff used in the fabric dye process - base type: string, cod. table: T16, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/dyeStuff) 0-1
@email	electronic mail address of the contact person within a Party - base type: string, max length: 80, (XPath: TEXCatalog/TCheader/supplier/person/@email) [Optional] (XPath: TEXCatalog/TCheader/buyer/person/@email) [Optional]
estFaultiness	percent faultiness of an article, estimated by the Supplier - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/estFaultiness) 0-1
fabricCutWidth	usable width of the fabric (for garments manufacturing) as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/fabricCutWidth) 0-1
fabricNameBuyer	name given to the fabric (article/pattern) by the Buyer - base type: string, max length: 70, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/fabricNameBuyer) 0-1
fabricNameSupplier	name given to the fabric (article/pattern) by the Supplier - base type: string, max length: 70, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/fabricNameSupplier) 0-1 (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/fabricNameSupplier) 1-1
fabricWeightM	weight per metre of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/fabricWeightM) 1-1
fabricWeightM2	weight per square metre of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/fabricWeightM2) 0-1
fabricWidth	width of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/fabricWidth) 0-1

@*fax*	fax number of the contact person within a Party - base type: string, max length: 35, (XPath: TEXCatalog/TCheader/supplier/person/@fax) [Optional] (XPath: TEXCatalog/TCheader/buyer/person/@fax) [Optional]

@*fibre*	type of fibre used in a textile product
	- base type: string, cod. table: T19,
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	     warpCount/@fibre) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	     weftCount/@fibre) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/
	     fabricCompos/percCompos/@fibre) [Required]

@*garmentMarket*	market segment of the garment item - base type: string, cod. table: NT34, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/catalogPrice/@garmentMarket) [Optional]
id	primary identification code of a Party; it is recommended the format: nation code (ISO 3166) + VAT identification number (11 crt), with the qualifier "numberingOrg"= MF - base type: string, max length: 15, (XPath: TEXCatalog/TCheader/supplier/id) 1-1 (XPath: TEXCatalog/TCheader/buyer/id) 1-1
legalName	legal name of a Party - base type: string, max length: 80, (XPath: TEXCatalog/TCheader/supplier/legalName) 0-1 (XPath: TEXCatalog/TCheader/buyer/legalName) 0-1
lineN	number of the line item of the present message (xml document) - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/lineN) 1-1
@*listName*	it specifies the name of the list of codes used to make an instance of the element - base type: string, max length: 40, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/pattern/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/art/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXCatalog/TCbody/TCgroup/artGroup/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"*
@*listVersion*	it specifie the version of the list of codes used to make an instance of the element - base type: string, max length: 6, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/pattern/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXCatalog/TCbody/TCgroup/artGroup/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"*
@*logo*	company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel.

	- base type: string, max length: 255, (XPath: TEXCatalog/TCheader/supplier/@logo) [Optional] (XPath: TEXCatalog/TCheader/buyer/@logo) [Optional]

@*method*	standard protocol or method employed in a test to evaluate a characteristic or a parameter
	- base type: string, max length: 25,
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      bowingWarp/@method) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      weftDev/@method) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      checksFlaw/@method) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      bowingWeft/@method) [Optional]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      warpCount/@method) [Optional] [Default= ISO-2060]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	      weftCount/@method) [Optional] [Default= ISO-2060]

minLot	minimum order quantity of a product requested by the Supplier - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/minLot) 0-1
minLotExclusive	minimum order quantity of a product requested by the Supplier for an exclusive color - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/minLotExclusive) 0-1
@*minQty*	minimum quantity required for the application of a given price - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/catalogPrice/@minQty) [Optional]
msgCurrency	currency used to express the monetary amounts of the message - base type: string, cod. table: T9, (XPath: TEXCatalog/TCheader/msgCurrency) 0-1
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: TEXCatalog/TCheader/msgDate) 1-1
@*msgfunction*	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18, (XPath: TEXCatalog/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the document in the information system of the issuing Party - base type: string, max length: 35, (XPath: TEXCatalog/TCheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer - base type: string, max length: 35, (XPath: TEXCatalog/TCheader/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: TEXCatalog/TCheader/note) 0-5 (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/note) 0-5 - note: *here the charges for sub-optimized quantities or for samples can be specified* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/note) 0-1
@*noteLabel*	subject qualifier of a note - base type: string, max length: 35, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/note/@noteLabel)

	[Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXCatalog/TCheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note*
@numberingOrg	code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXCatalog/TCheader/buyer/id/@numberingOrg) [Optional] (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/note/@numberingOrg) [Optional] (XPath: TEXCatalog/TCbody/TCgroup/TCitem/note/@numberingOrg) [Optional] (XPath: TEXCatalog/TCheader/note/@numberingOrg) [Optional] (XPath: TEXCatalog/TCheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath: TEXCatalog/TCbody/TCgroup/artGroup/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/pattern/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXCatalog/TCheader/supplier/id/@numberingOrg) [Optional] (XPath: TEXCatalog/TCbody/TCgroup/TCitem/color/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXCatalog/TCbody/TCgroup/TCitem/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"*
pattern	pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/pattern) 0-1
percCompos	fiber rate in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/ fabricCompos/percCompos) 1-9
person	name of the contact person within a Party - base type: string, max length: 40, (XPath: TEXCatalog/TCheader/buyer/person) 0-1 (XPath: TEXCatalog/TCheader/supplier/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath: TEXCatalog/TCheader/supplier/person/@phone) [Optional] (XPath: TEXCatalog/TCheader/buyer/person/@phone) [Optional]
pieceLength	length of the piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/pieceLength) 0-1
postCode	code defining the postal zone - base type: string, max length: 10, (XPath: TEXCatalog/TCheader/buyer/postCode) 0-1 (XPath: TEXCatalog/TCheader/supplier/postCode) 0-1
resin	resin (coating) percentage in finished weight - base type: decimal, min inclusive: 0, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/resin) 0-1
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: TEXCatalog/TCheader/season) 0-1 (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/season) 0-1
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath: TEXCatalog/TCheader/buyer/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced* (XPath: TEXCatalog/TCheader/supplier/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced*
street	street and building number identifying a location - base type: string, max length: 80, (XPath: TEXCatalog/TCheader/buyer/street) 0-1 (XPath: TEXCatalog/TCheader/supplier/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXCatalog/TCheader/buyer/subCountry) 0-1 (XPath: TEXCatalog/TCheader/supplier/subCountry) 0-1
tradeMark	name of the official trademark of a specified product - base type: string, max length: 50, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/tradeMark) 0-1

@um	specification of the unit of measure
	- base type: string, cod. table: NT7,
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/
	    minLotExclusive/@um) [Required]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	    fabricWeightM/@um) [Optional] [Default= GRM]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/catalogPrice/@um) [Required]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/generalChar/
	    minLot/@um) [Required]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	    fabricCutWidth/@um) [Optional] [Default= CMT]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	    pieceLength/@um) [Optional] [Default= MTR]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	    fabricWeightM2/@um) [Optional] [Default= GRM]
	(XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/
	    fabricWidth/@um) [Optional] [Default= CMT]

validityEnd	date by which the validity ends, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath: TEXCatalog/TCheader/validityEnd) 0-1
validityStart	date by which the validity starts, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath: TEXCatalog/TCheader/validityStart) 0-1
@VAT	VAT rate or code - base type: string, cod. table: NT16, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/lineN/@VAT) [Optional]
warpCount	measure of thinness of the warp thread - base type: string, max length: 10, (XPath: TEXCatalog/TCbody/TCgroup/TCitem/construction/warpCount) 0-9
warpEndsN	number of warp threads in 1 centimetre - base type: decimal, min inclusive: 0, fraction digits: 1,

weave	type of weaving used in the manufacturing of fabric - base type: string, cod. table: T17,
weftCount	measure of thinness of the weft thread - base type: string, max length: 10,
weftDev	deviation from right angle in weft - base type: decimal, min inclusive: 0,
weftEndsN	number of weft threads in 1 centimetre - base type: decimal, min inclusive: 0, fraction digits: 1,

2.3 Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes (only for tables with less than 100 values) in the document Decoding_Values.pdf, available at: http://www.moda-ml.org/moda-ml/repository/guide/v2011-1/; moreover, all the enumeration tables are available at: http://www.moda-ml.org/imple/show-codes.asp.

NT16 - VAT rate or code
NT18 - message function
NT29 - format of a date
NT34 - garment market segment
NT6 - Coding system owner/issuer
NT7 - Unity of measure
T10 - ISO3166 - Country
T15 - Fabric dye/print process type
T16 - Dyestuff type
T17 - Weave type
T19 - fibre type
T44 - additional code type
T9 - ISO4217 - Currency

Annex A

Representative images of the principal complex elements' structure.

generalChar

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

- **fabricNameSupplier** — name given to the fabric (article/pattern) by the Supplier
- **fabricNameBuyer** — name given to the fabric (article/pattern) by the Buyer
- **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 mo [...]
- **tradeMark** — name of the official trademark of a specified product
- **customsStat** — statistic code assigned by Customs to a specified product
- **fabricCompos** — composition of the fabric according to the Directory 97/37/CE
- **dyeProcess** — dye process applied to the fabric
- **dyeStuff** — dye stuff used in the fabric dye process
- **careLabel** — codification of the care instructions printed on the label (ISO 3758)
- **minLot** — minimum order quantity of a product requested by the Supplier
- **minLotExclusive** — minimum order quantity of a product requested by the Supplier for an exclusive color
- **avgDeliveryDD** — avarage time (workdays) between order receipt and delivery of an article, specified by the Supplier
- **estFaultiness** — percent faultiness of an article, estimated by the Supplier
- **note** — free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"
  0..5

TCbody

TC body: body of the document TEXTILES CATALOGUE

- **TCgroup** — articles grouping of the TEXTILES CATALOGUE
  1..999

TCgroup

TC Group: articles grouping of the TEXTILES CATALOGUE

- **artGroup** — code identifying a class of products
- **artGroupName** — description of a class of products
- **TCitem** — line item of the message TEXTILES CATALOGUE
  1..999

TCheader
TC header:
header of the
document
TEXTILES
CATALOGUE

msgN — identification number given to the message (xml document) by its issuer

docID — identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY //msgID\\)

msgID — key identifier of the document in the information system of the issuing Party

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 YY [...]

msgCurrency — currency used to express the monetary amounts of the message

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 mo [...]

validityStart — date by which the validity starts, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.

validityEnd — date by which the validity ends, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.

buyer — details of the Buyer

supplier — details of the Supplier

note — free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"
0..5

TCitem

TC item: line item of the message TEXTILES CATALOGUE

- **lineN** — number of the line item of the present message (xml document)
- **fabricNameSupplier** — name given to the fabric (article/pattern) by the Supplier
- **art** — article number of the product
- **pattern** — pattern/design number of the product, when not included in the article code
- **color** — colour number of the product, when not included in the model or fabric code — 0..99
- **added** — additional code of the product (complementing the formers) — 0..99
- **catalogPrice** — price shown in the Supplier's Catalogue — 0..9
- **generalChar** — general data included in the technical sheet of the fabric article
- **construction** — construction data and features included in the technical sheet of the fabric article
- **note** — free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"

TEXCatalog

TEXCatalog: Textiles articles catalogue and pricelist

- **TCheader** — header of the document TEXTILES CATALOGUE
- **TCbody** — body of the document TEXTILES CATALOGUE