http://www.moda-ml.org

IMPLEMENTATION GUIDE

TRANSACTION "FABRIC TECHNICAL SHEET"

Version: 2013-1
Date of release: 18/11/2011
Document code: G008
XML Schema repository:http://www.moda-ml.org/moda-ml/repository/schema/v2013-1/default.asp
Guides repository:http://www.moda-ml.org/moda-ml/repository/guide/v2013-1/default.asp
Guide filename: G008-MODA-ML-FabricTechnicalSheet.pdf

1. BUSINESS DESCRIPTION

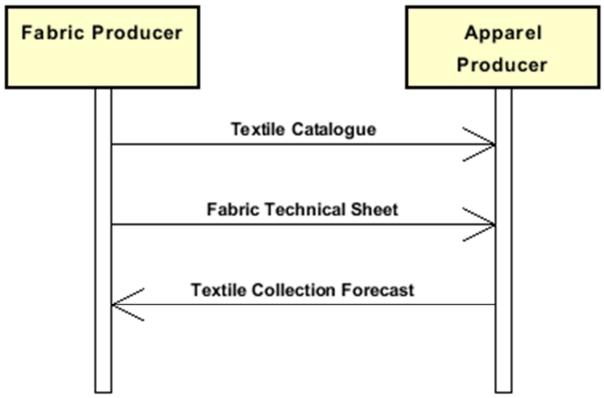
1.1 Scope

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
- costruction details
- measurements of color fastness, dimensional stability and mechanical properties

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 occurrencies); 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= 2013-1]
@useProfile [Optional]
| TTheader 1-1
| | msgN 1-1
- choose -
| | msgID 0-1
- or -
| | docID 0-1
| | *@numberingOrg [Optional]*
- end choose -
| | msgDate 1-1
| | *@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 0-19
| | *@numberingOrg [Optional]*
| | *@codeList [Optional]*
| | *@noteLabel [Optional]*

| TTbody 1-1
| | generalChar 1-1
| | | 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]*
| | | minLotExclusive 0-1
| | | *@um [Required]*
| | | avgDeliveryDD 0-1
| | | estFaultiness 0-1
| | | note 0-19
| | | *@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
| | | *@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
| | | | 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]*
| | | 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 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: Nad, (XPath: TEXSheet/TTheader/buyer) 0-1
colorFastness	details of color fastness measures of fabric (XPath: TEXSheet/TTbody/colorFastness) 0-3 - note: *this data group can be repeated when there are different values for different types of colors (light-dark-pastel)*
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
fabricCompos	composition of the fabric according to the Directory 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
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
supplier	details of the Supplier - base type: Nad, (XPath: TEXSheet/TTheader/supplier) 1-1
TTbody	body of the document FABRIC TECHNICAL SHEET (XPath: TEXSheet/TTbody) 1-1
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.

@application	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/mechanicalProps/MPbreakWarp/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPbending/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPtearWeft/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPtearWarp/@application) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPspray/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWarp/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWeft/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPpilling/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPbreakWeft/@application) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPabrasion/@application) [Optional]
avgDeliveryDD	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
bowingWarp	warp bowing - base type: decimal, min inclusive: 0, (XPath: TEXSheet/TTbody/construction/bowingWarp) 0-1
bowingWeft	weft bowing - base type: decimal, min inclusive: 0, (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, devided 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, devided 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, devided 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, devided 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, devided 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, devided 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, devided 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, devided 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, devided 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, devided by ";"*
CFwater	measure of color fastness to water - base type: string, max length: 10, (XPath: TEXSheet/TTbody/colorFastness/CFwater) 0-1 - note: *when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"*

CFxeno	measure of color fastness to Xeno-light - base type: string, max length: 10, (XPath: TEXSheet/TTbody/colorFastness/CFxeno) 0-1
checksFlaw	flaw in checks - base type: decimal, min inclusive: 0, (XPath: TEXSheet/TTbody/construction/checksFlaw) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath: TEXSheet/TTheader/buyer/city) 0-1 (XPath: TEXSheet/TTheader/supplier/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: TEXSheet/TTbody/generalChar/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXSheet/TTheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"*
@colorType	type of color to which a "color fastness" value refers - base type: string, cod. table: NT26 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT26.xml* (XPath: TEXSheet/TTbody/colorFastness/@colorType) [Optional]
country	code of the nation - base type: string, cod. table: T10 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T10.xml* (XPath: TEXSheet/TTheader/buyer/country) 0-1 (XPath: TEXSheet/TTheader/supplier/country) 0-1
customsStat	statistic code assigned by Customs to a specified product - base type: string, max length: 15, (XPath: TEXSheet/TTbody/generalChar/customsStat) 0-1
@CV	coefficient of variation (CV) of a measurement - base type: decimal, (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@CV) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@CV) [Optional]
@dateForm	format used for the date - base type: string, cod. table: NT29 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT29.xml* (XPath: TEXSheet/TTheader/msgDate/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath: TEXSheet/TTheader/buyer/dept) 0-1 (XPath: TEXSheet/TTheader/supplier/dept) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath: TEXSheet/TTheader/docID) 0-1
DSdryCleanLength	measure of dimensional stability to dry cleaning (length) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSdryCleanLength) 0-1
DSdryCleanWidth	measure of dimensional stability to dry cleaning (width) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSdryCleanWidth) 0-1

DSsteamLength	measure of dimensional stability to steaming press (length) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSsteamLength) 0-1
DSsteamWidth	measure of dimensional stability to steaming press (width) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSsteamWidth) 0-1
DSwashLength	measure of dimensional stability to washing (length) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSwashLength) 0-1
DSwashWidth	measure of dimensional stability to washing (width) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/dimensionStability/DSwashWidth) 0-1
dyeProcess	dye process applied to the fabric - base type: string, cod. table: T15 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T15.xml* (XPath: TEXSheet/TTbody/generalChar/dyeProcess) 0-1
dyeStuff	dye stuff used in the fabric dye process - base type: string, cod. table: T16 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T16.xml* (XPath: TEXSheet/TTbody/generalChar/dyeStuff) 0-1
element	chemical element or compound relevant to the analysis of fabric or yarn - base type: string, cod. table: T49 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T49.xml* (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/element) 1-1 (XPath: TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures/element) 1-1
@email	electronic mail address of the contact person within a Party - base type: string, max length: 80, (XPath: TEXSheet/TTheader/buyer/person/@email) [Optional] (XPath: TEXSheet/TTheader/supplier/person/@email) [Optional]
equation	sign or symbol used in a mathematical equation - base type: string, cod. table: T50 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T50.xml* (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 1-1 (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 0-1
estFaultiness	percent faultiness of an article, estimated by the Supplier - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXSheet/TTbody/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: TEXSheet/TTbody/construction/fabricCutWidth) 0-1
fabricNameBuyer	name given to the fabric (article/pattern) by the Buyer - base type: string, max length: 70, (XPath: TEXSheet/TTbody/generalChar/fabricNameBuyer) 0-1 - note: *Do not specify this information when generalChar is ontained in TCItem; specify it at the Tcitem level.*
fabricNameSupplier	name given to the fabric (article/pattern) by the Supplier - base type: string, max length: 70, (XPath: TEXSheet/TTbody/generalChar/fabricNameSupplier) 1-1 - note: *Do not specify this information when generalChar is ontained in TCItem; specify it at the TCitem level.*
fabricWeightM	weight per metre of the fabric as technical specification

	- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXSheet/TTbody/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: TEXSheet/TTbody/construction/fabricWeightM2) 0-1
fabricWidth	width of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXSheet/TTbody/construction/fabricWidth) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath: TEXSheet/TTheader/supplier/person/@fax) [Optional] (XPath: TEXSheet/TTheader/buyer/person/@fax) [Optional]
@fibre	type of fibre used in a textile product - base type: string, cod. table: T19 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T19.xml* (XPath: TEXSheet/TTbody/construction/weftCount/@fibre) [Optional] (XPath: TEXSheet/TTbody/generalChar/fabricCompos/ percCompos/@fibre) [Required] (XPath: TEXSheet/TTbody/construction/warpCount/@fibre) [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: TEXSheet/TTheader/supplier/id) 1-1 (XPath: TEXSheet/TTheader/buyer/id) 1-1
legalName	legal name of a Party - base type: string, max length: 80, (XPath: TEXSheet/TTheader/supplier/legalName) 0-1 (XPath: TEXSheet/TTheader/buyer/legalName) 0-1
@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: TEXSheet/TTheader/supplier/@logo) [Optional] (XPath: TEXSheet/TTheader/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: TEXSheet/TTbody/mechanicalProps/MPspray/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFxeno/@method) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPbending/@method) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFironDry/@method) [Optional] [Default= ISO-105-X11] (XPath: TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFironWet/@method) [Optional] [Default= ISO-105-X11] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFspotWater/@method) [Optional] [Default= ISO-105-E07] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/ specValue/@method) [Optional] (XPath: TEXSheet/TTbody/dimensionStability/DSsteamLength/@method) [Optional] [Default= DIN-53894-2] (XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp/@method) [Optional] [Default= NFG-7117]

	(XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft/@method) [Optional] [Default= NFG-7117] (XPath: TEXSheet/TTbody/mechanicalProps/MPcrease/@method) [Optional] [Default= ISO-9867] (XPath: TEXSheet/TTbody/dimensionStability/DSdryCleanWidth/@method) [Optional] [Default= ISO-3175] (XPath: TEXSheet/TTbody/mechanicalProps/MPabrasion/@method) [Optional] [Default= EN-12947] (XPath: TEXSheet/TTbody/mechanicalProps/MPpilling/@method) [Optional] [Default= UNI-E-1512434] (XPath: TEXSheet/TTbody/mechanicalProps/MPbreakWarp/@method) [Optional] [Default= ISO-1394-1] (XPath: TEXSheet/TTbody/mechanicalProps/MPbreakWeft/@method) [Optional] [Default= ISO-1394-1] (XPath: TEXSheet/TTbody/dimensionStability/DSsteamWidth/@method) [Optional] [Default= DIN-53894-2] (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWeft/@method) [Optional] [Default= BS 4294-68] (XPath: TEXSheet/TTbody/mechanicalProps/MPtearWeft/@method) [Optional] (XPath: TEXSheet/TTbody/mechanicalProps/MPtearWarp/@method) [Optional] (XPath: TEXSheet/TTbody/dimensionStability/DSwashWidth/@method) [Optional] [Default= ISO-5077/6330] (XPath: TEXSheet/TTbody/dimensionStability/DSdryCleanLength/@method) [Optional] [Default= ISO-3175] (XPath: TEXSheet/TTbody/dimensionStability/DSwashLength/@method) [Optional] [Default= ISO-5077/6330] (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWarp/@method) [Optional] [Default= BS 4294-68] (XPath: TEXSheet/TTbody/construction/weftDev/@method) [Optional] (XPath: TEXSheet/TTbody/construction/checksFlaw/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFwater/@method) [Optional] [Default= ISO-105-E01] (XPath: TEXSheet/TTbody/colorFastness/CFlight/@method) [Optional] [Default= ISO-105-B02] (XPath: TEXSheet/TTbody/construction/weftCount/@method) [Optional] [Default= ISO-2060] (XPath: TEXSheet/TTbody/construction/warpCount/@method) [Optional] [Default= ISO-2060] (XPath: TEXSheet/TTbody/construction/bowingWeft/@method) [Optional] (XPath: TEXSheet/TTbody/construction/bowingWarp/@method) [Optional] (XPath: TEXSheet/TTbody/colorFastness/CFwash/@method) [Optional] [Default= ISO-105-C06] (XPath: TEXSheet/TTbody/colorFastness/CFperspirAlk/@method) [Optional] [Default= ISO-105-E04] (XPath: TEXSheet/TTbody/colorFastness/CFrubWet/@method) [Optional] [Default= ISO-105-X12] (XPath: TEXSheet/TTbody/colorFastness/CFrubOrgSolv/@method) [Optional] [Default= ISO-105-D02] (XPath: TEXSheet/TTbody/colorFastness/CFrubDry/@method) [Optional] [Default= ISO-105-X12] (XPath: TEXSheet/TTbody/colorFastness/CFperspirAcid/@method) [Optional] [Default= ISO-105-E04] (XPath: TEXSheet/TTbody/colorFastness/CFdryClean/@method) [Optional] [Default= ISO-105-D01]
minLot	minimum order quantity of a product requested by the Supplier - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXSheet/TTbody/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: TEXSheet/TTbody/generalChar/minLotExclusive) 0-1
MPabrasion	measure of abrasion resistance

	- base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPabrasion) 0-3 - note: *the data can be iterated when several measurements related to different applied forces or conditions occur.*
MPbending	measure of the resistance to repeated bending - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPbending) 0-1
MPbreakWarp	measure of the break strength (warp) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPbreakWarp) 0-1
MPbreakWeft	measure of the break strength (weft) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPbreakWeft) 0-1
MPcrease	crease recovery measure of the fabric after induced wrinkling - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPcrease) 0-1
MPelastWarp	measure of the elasticity (warp) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWarp) 0-3
MPelastWeft	measure of the elasticity (weft) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPelastWeft) 0-3
MPpilling	measure of pilling resistance - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPpilling) 0-3 - note: *the data can be iterated when several measurements related to different applied forces or conditions occur.*
MPseamSlipWarp	measure of the seam slippage (warp) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp) 0-3 - note: *the data can be iterated when several measurements related to different applied forces or conditions occur.*
MPseamSlipWeft	measure of the seam slippage (weft) - base type: string, max length: 10, (XPath: TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft) 0-3 - note: *the data can be iterated when several measurements related to different applied forces or conditions occur.*
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.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT18.xml* (XPath: TEXSheet/@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: TEXSheet/TTheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer - 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) 0-19 (XPath: TEXSheet/TTbody/generalChar/note) 0-19 - note: *here the charges for sub-optimized quantities or for samples can be specified*
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath: TEXSheet/TTheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXSheet/TTbody/generalChar/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 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT6.xml* (XPath: TEXSheet/TTbody/generalChar/note/@numberingOrg) [Optional] (XPath: TEXSheet/TTheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath: TEXSheet/TTheader/buyer/id/@numberingOrg) [Optional] (XPath: TEXSheet/TTheader/supplier/id/@numberingOrg) [Optional] (XPath: TEXSheet/TTheader/note/@numberingOrg) [Optional]
percCompos	fiber rate in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXSheet/TTbody/generalChar/fabricCompos/percCompos) 1-9
person	name of the contact person within a Party - base type: string, max length: 40, (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/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
resin	resin (coating) percentage in finished weight

	- base type: decimal, min inclusive: 0, (XPath: TEXSheet/TTbody/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: TEXSheet/TTbody/generalChar/season) 0-1
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath: TEXSheet/TTheader/supplier/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced* (XPath: TEXSheet/TTheader/buyer/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced*
@source	party who has provided the data - base type: string, cod. table: NT12 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT12.xml* (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@source) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@source) [Optional]
specValue	value requested for a property or a parameter that is measured - base type: decimal, (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 0-1 (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 1-1
street	street and building number identifying a location - base type: string, max length: 80, (XPath: TEXSheet/TTheader/buyer/street) 0-1 (XPath: TEXSheet/TTheader/supplier/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXSheet/TTheader/supplier/subCountry) 0-1 (XPath: TEXSheet/TTheader/buyer/subCountry) 0-1
tradeMark	name of the official trademark of a specified product - base type: string, max length: 50, (XPath: TEXSheet/TTbody/generalChar/tradeMark) 0-1
@um	specification of the unit of measure - base type: string, cod. table: NT7 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT7.xml* (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@um) [Optional] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@um) [Optional] (XPath: TEXSheet/TTbody/construction/fabricWidth/@um) [Optional] [Default= CMT] (XPath: TEXSheet/TTbody/construction/fabricWeightM2/@um) [Optional] [Default= GRM] (XPath: TEXSheet/TTbody/construction/pieceLength/@um) [Optional] [Default= MTR] (XPath: TEXSheet/TTbody/construction/fabricCutWidth/@um) [Optional] [Default= CMT] (XPath: TEXSheet/TTbody/generalChar/minLot/@um) [Required] (XPath: TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@um) [Optional] [Default= PPM] (XPath: TEXSheet/TTbody/generalChar/minLotExclusive/@um) [Required] (XPath: TEXSheet/TTbody/construction/fabricWeightM/@um) [Optional] [Default= GRM]

useIndic	indicates if a given element is used in the specified object (fabric, yarn, …) - base type: boolean, (XPath: TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures/useIndic) 1-1
@useProfile	use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. - base type: string, (XPath: TEXSheet/@useProfile) [Optional]
@version	Dictionary version from which the instance has been created - base type: string, cod. table: NT100 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT100.xml* (XPath: TEXSheet/@version) [Optional] [Default= 2013-1]
warpCount	measure of thinness of the warp thread - base type: string, max length: 10, (XPath: TEXSheet/TTbody/construction/warpCount) 0-9
warpEndsN	number of warp threads in 1 centimetre - base type: decimal, min inclusive: 0, fraction digits: 1, (XPath: TEXSheet/TTbody/construction/warpEndsN) 0-1
weave	type of weaving used in the manufacturing of fabric - base type: string, cod. table: T17 *http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T17.xml* (XPath: TEXSheet/TTbody/construction/weave) 0-1
weftCount	measure of thinness of the weft thread - base type: string, max length: 10, (XPath: TEXSheet/TTbody/construction/weftCount) 0-9
weftDev	deviation from right angle in weft - base type: decimal, min inclusive: 0, (XPath: TEXSheet/TTbody/construction/weftDev) 0-1
weftEndsN	number of weft threads in 1 centimetre - base type: decimal, min inclusive: 0, fraction digits: 1, (XPath: TEXSheet/TTbody/construction/weftEndsN) 0-1

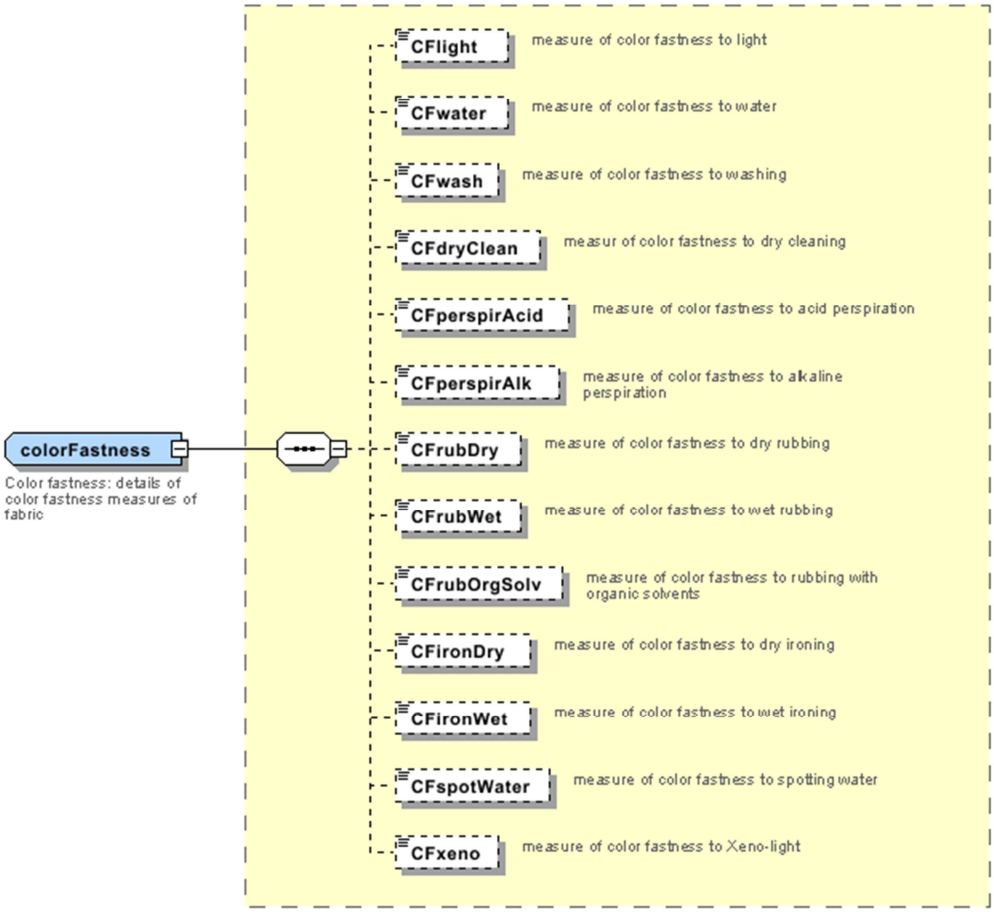
2.3 Enumeration tables

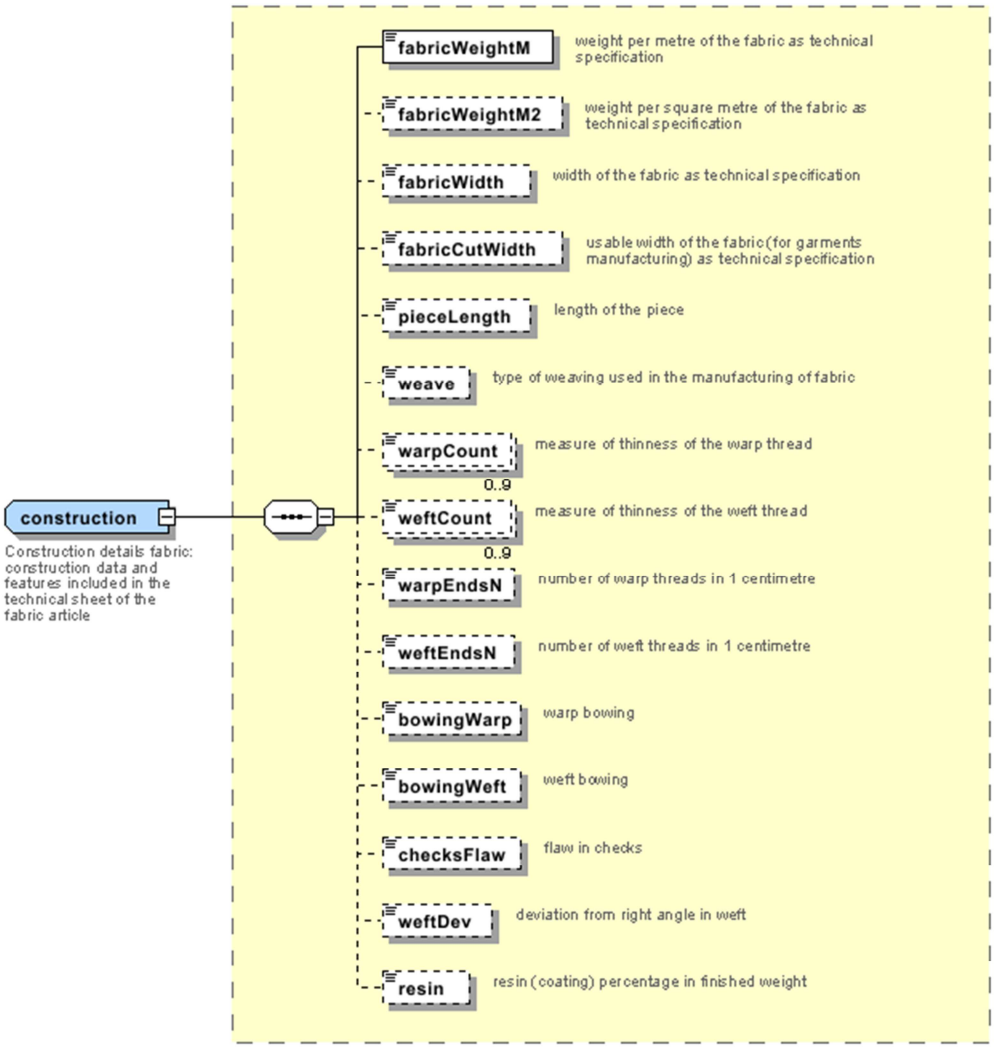
List of enumeration tables used in the XML document. You can find the corresponding codes at: http://www.moda-ml.org/moda-ml/imple/moda-ml-2013-1.asp?lingua=en&pag=6

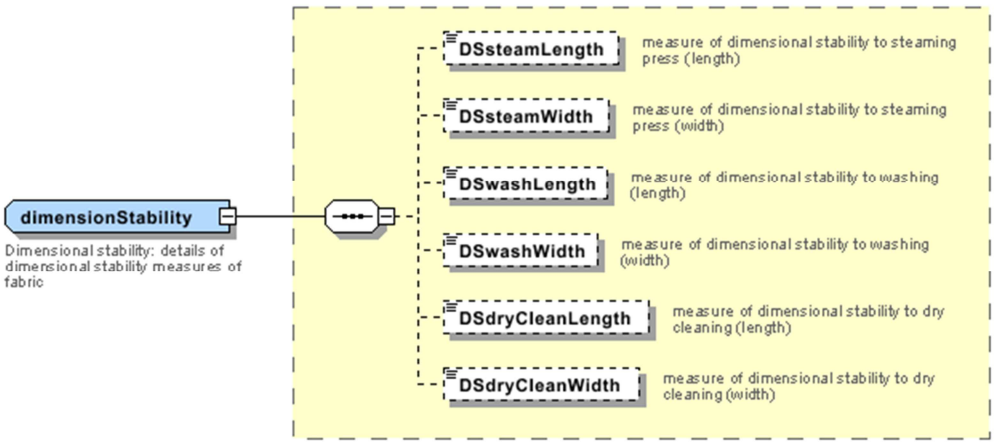
NT100 - eBIZ Moda-ML version
NT12 - data source
NT18 - message function
NT26 - color type
NT29 - format of a date
NT6 - coding system owner/issuer
NT7 - unity of measure
T10 - ISO3166 - Country
T15 - dye/print process type
T16 - dyestuff type
T17 - weave type
T19 - fibre type
T49 - chemical elements
T50 - equation sign

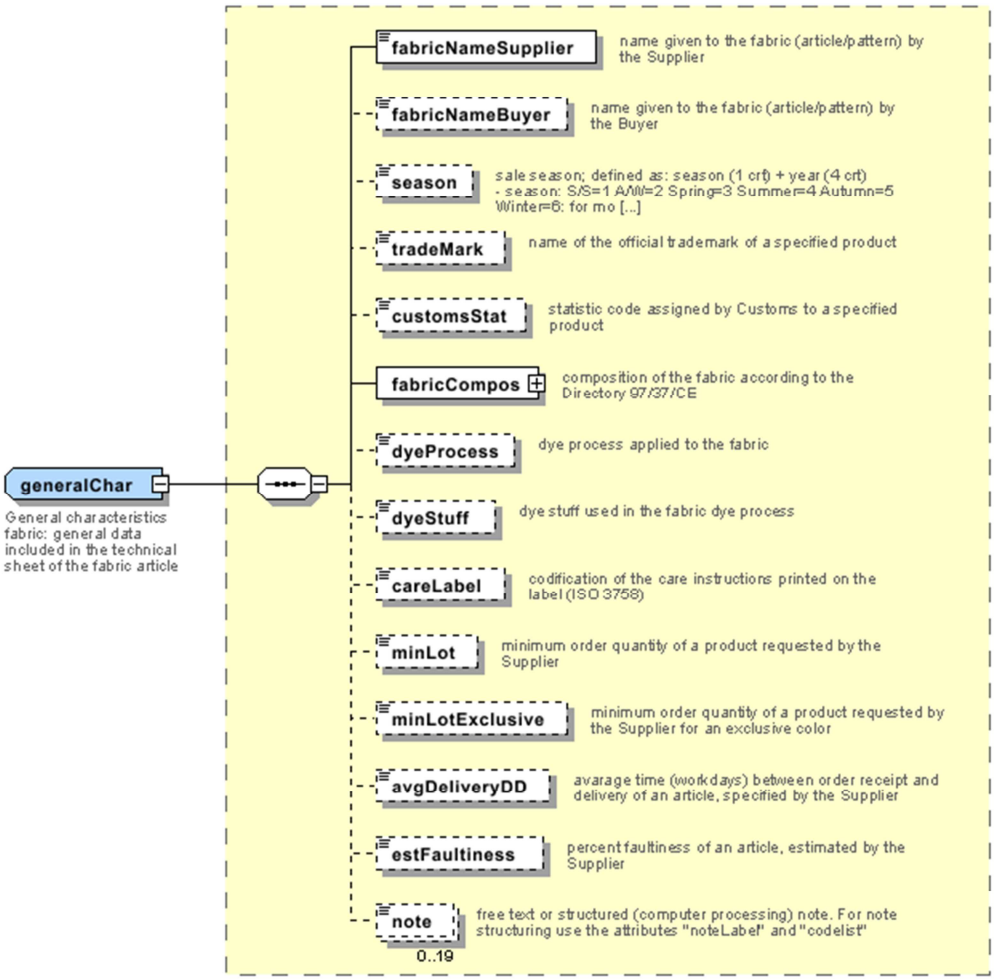
Annex A

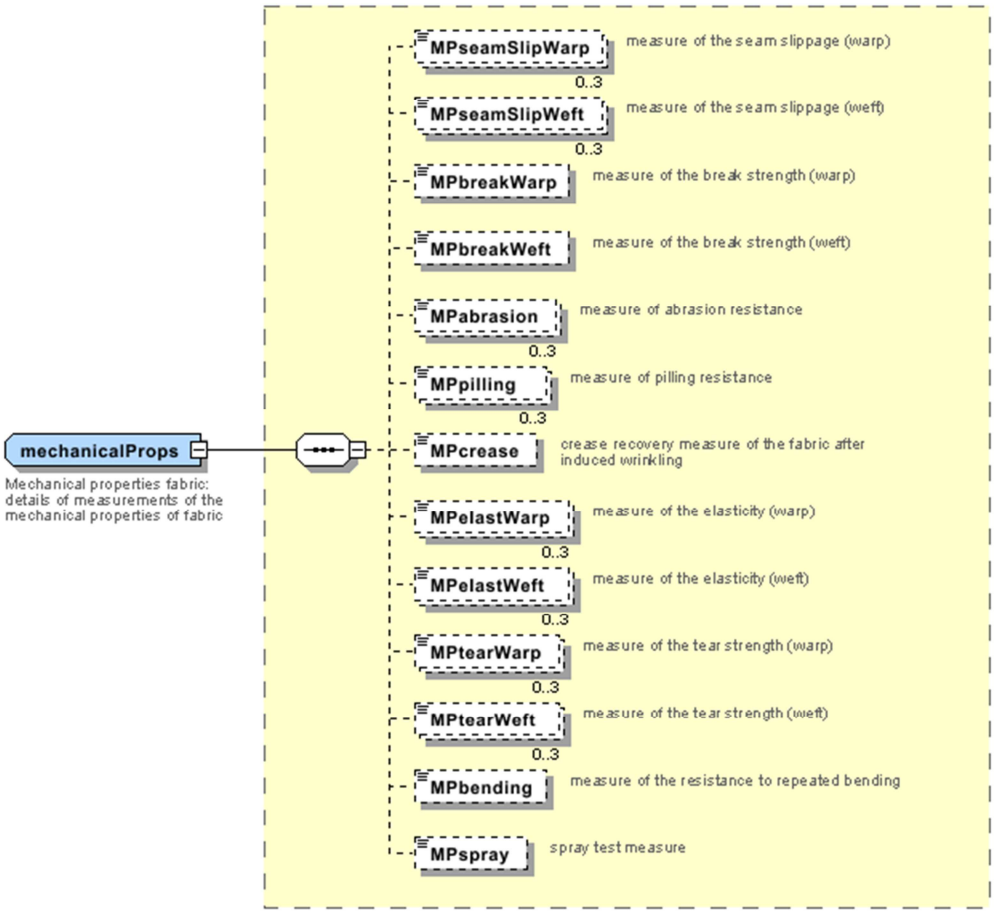
Representative images of the principal complex elements' structure.

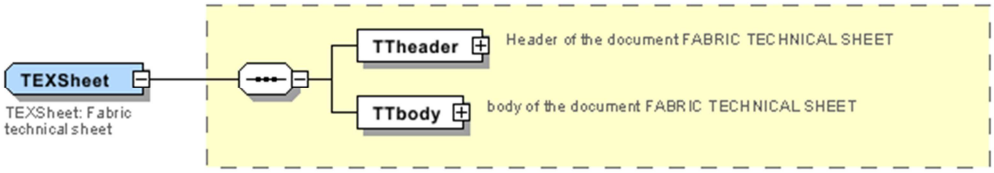


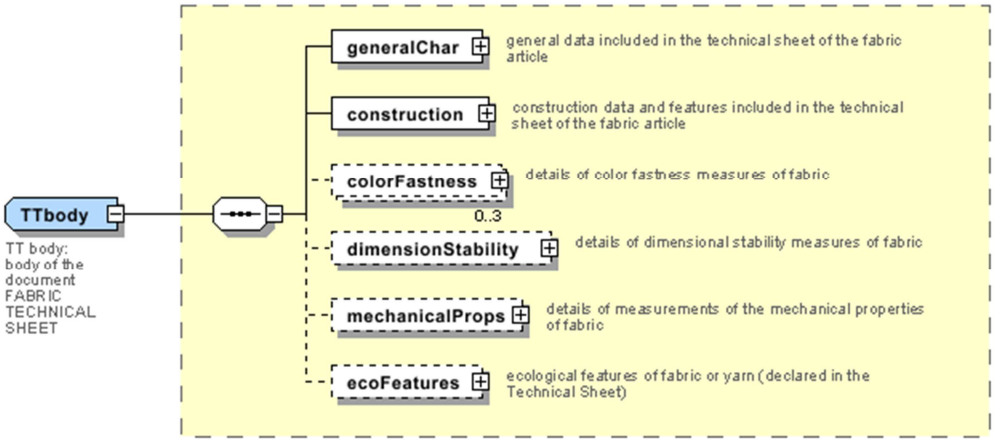

construction
Construction details fabric: construction data and features included in the technical sheet of the fabric article
fabricWeightM
weight per metre of the fabric as technical specification
fabricWeightM2
weight per square metre of the fabric as technical specification
fabricWidth
width of the fabric as technical specification
fabricCutWidth
usable width of the fabric (for garments manufacturing) as technical specification
pieceLength
length of the piece
weave
type of weaving used in the manufacturing of fabric
warpCount
0..9
measure of thinness of the warp thread
weftCount
0..9
measure of thinness of the weft thread
warpEndsN
number of warp threads in 1 centimetre
weftEndsN
number of weft threads in 1 centimetre
bowingWarp
warp bowing
bowingWeft
weft bowing
checksFlaw
flaw in checks
weftDev
deviation from right angle in weft
resin
resin (coating) percentage in finished weight

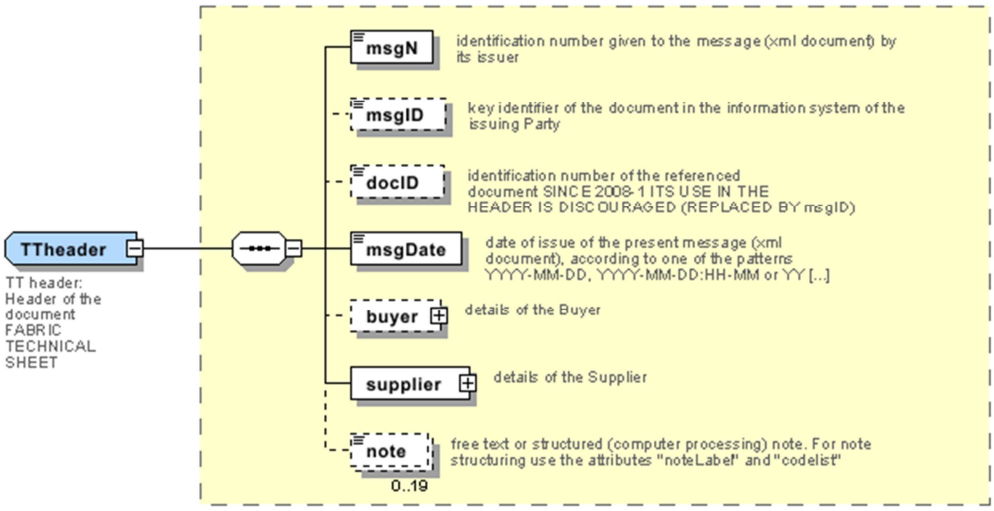

dimensionStability
Dimensional stability: details of dimensional stability measures of fabric
DSsteamLength
measure of dimensional stability to steaming press (length)
DSsteamWidth
measure of dimensional stability to steaming press (width)
DSwashLength
measure of dimensional stability to washing (length)
DSwashWidth
measure of dimensional stability to washing (width)
DSdryCleanLength
measure of dimensional stability to dry cleaning (length)
DSdryCleanWidth
measure of dimensional stability to dry cleaning (width)


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..19


mechanicalProps
Mechanical properties fabric: details of measurements of the mechanical properties of fabric
MPseamSlipWarp
measure of the seam slippage (warp)
0..3
MPseamSlipWeft
measure of the seam slippage (weft)
0..3
MPbreakWarp
measure of the break strength (warp)
MPbreakWeft
measure of the break strength (weft)
MPabrasion
measure of abrasion resistance
0..3
MPpilling
measure of pilling resistance
0..3
MPcrease
crease recovery measure of the fabric after induced wrinkling
MPelastWarp
measure of the elasticity (warp)
0..3
MPelastWeft
measure of the elasticity (weft)
0..3
MPtearWarp
measure of the tear strength (warp)
0..3
MPtearWeft
measure of the tear strength (weft)
0..3
MPbending
measure of the resistance to repeated bending
MPspray
spray test measure


TEXSheet
TEXSheet: Fabric technical sheet
TTheader
Header of the document FABRIC TECHNICAL SHEET
TTbody
body of the document FABRIC TECHNICAL SHEET


TTbody
TT body: body of the document FABRIC TECHNICAL SHEET
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
colorFastness
details of color fastness measures of fabric
0..3
dimensionStability
details of dimensional stability measures of fabric
mechanicalProps
details of measurements of the mechanical properties of fabric
ecoFeatures
ecological features of fabric or yarn (declared in the Technical Sheet)


TTheader
TT header: Header of the document FABRIC TECHNICAL SHEET
msgN
identification number given to the message (xml document) by its issuer
msgID
key identifier of the document in the information system of the issuing Party
docID
identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID)
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 [...]
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..19

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, Monoflourotrichloethylene 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 Triflourotrichloroethane, 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