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**DRAFT**

**IMPLEMENTATION GUIDE**

**TRANSACTION "FABRIC TECHNICAL SHEET"**

Version: draft

Date of release: 17/5/2019

Document code: G008

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 released as CEN CWA 16667 in 2013. 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 **eBIZ 4.0 project** funded by the European Commission, call COS-DESIGN-2015-3-06, topic COS-2015-DESIGN-2.

The technical contents are backwards compatible with the latest official published version.

## 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".

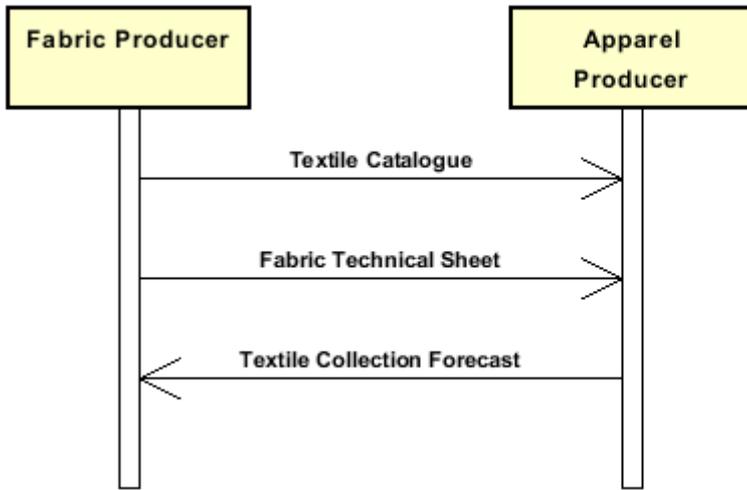
### 1.2 Generalities

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

### 1.3. Possible scenario

Selection of fabric



## 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]*

#### **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

#### **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
- | | 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

- | | fabricNameSupplier 0-1
- | | fabricNameBuyer 0-1
- | | art 0-1
- | | | @numberingOrg [Optional]

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| | | | @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
| | | | | | | description 0-unbounded
| | | | | | | @ln [Optional]
| | | | - end choose -
| | | | added 0-unbounded
| | | | @numberingOrg [Optional]

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- | | | @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
- | **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
- | | **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 0-99
- | | | @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  
 | @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]

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| | | 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]
| | | | @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.

<b>attachment</b>	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment) 0-1
<b>buyer</b>	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
<b>CIELab</b>	color point in the CIELab color space (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab) 0-unbounded
<b>colorCard</b>	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>
<b>colorCardItem</b>	item of the color card (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem) 1-unbounded
<b>colorFastness</b>	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>
<b>construction</b>	construction data and features included in the technical sheet of the fabric article (XPath TEXSheet/TTbody/construction) 1-1
<b>dimensionStability</b>	details of dimensional stability measures of fabric (XPath TEXSheet/TTbody/dimensionStability) 0-1
<b>ecoFeatures</b>	ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures) 0-1
<b>externalReference</b>	details about an external object, such as a document stored at a remote location (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference) 0-99 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference) 0-99 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference) 0-99
<b>fabricCompos</b>	composition of the fabric according to the Directory 97/37/CE (XPath TEXSheet/TTbody/generalChar/fabricCompos) 1-1
<b>generalChar</b>	general data included in the technical sheet of the fabric article (XPath TEXSheet/TTbody/generalChar) 1-1

<b>mechanicalProps</b>	details of measurements of the mechanical properties of fabric (XPath TEXSheet/TTbody/mechanicalProps) 0-1
<b>qlyEcoFeatures</b>	qualitative ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures) 1-9
<b>qtyEcoFeatures</b>	quantitative ecological features of fabric or yarn (declared in the Technical Sheet) (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures) 1-19
<b>rangeBoundary</b>	Descriptor of a boundary of a range of values declared for a property or a parameter (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary) 2-2 <hr/> <b>AAAA-WARNING!</b> - text not AVAILABLE n. 245 - In=en - note: A couple of this elements is used to express both the boundaries of the values interval
<b>refDoc</b>	identification of a document and of an item thereof, to which the message makes reference (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc) 0-1 - note: here the CxF3 file can be referenced (XPath TEXSheet/TTbody/TTGroup/refDoc) 0-9 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc) 0-9
<b>supplier</b>	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
<b>TTbody</b>	body of the document FABRIC TECHNICAL SHEET (XPath TEXSheet/TTbody) 1-1
<b>TTGitem</b>	line item of TEXTILE product group - base type: , (XPath TEXSheet/TTbody/TTGroup/TTGitem) 0-unbounded - note: More articles in the same group o products
<b>TTGroup</b>	articles grouping of the TEXTILES Technical sheet - base type: , (XPath TEXSheet/TTbody/TTGroup) 0-unbounded - note: use this group when the same Technical sheet is related to more than one article.
<b>TTheader</b>	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.

<b>a</b>	"a" dimension of the CIELab color system - base type: decimal, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/a) 1-1
<b>added</b>	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	<p>additional identification code of a Party, for example customs registries or others</p> <p>- base type: string, max length: 15, (XPath TEXSheet/TTheader/buyer/additionalIdentifier) 0-9</p> <p>- note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)</i> (XPath TEXSheet/TTheader/supplier/additionalIdentifier) 0-9</p> <p>- note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)</i></p>
@addType	<p>qualifier of the additional coding of a product</p> <p>- base type: string, cod. table: T44 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml</a> (XPath TEXSheet/TTbody/TTGroup/TTGitem/added/@addType) [Optional]</p> <p>- nota: <i>addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.</i></p>
@application	<p>force or similar condition (e.g. no. of revolutions) applied in a test as specified within the standard</p> <p>- base type: string, max length: 15, (XPath TEXSheet/TTbody/mechanicalProps/MPspray/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPabrasion/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPelastWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbreakWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPpilling/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbreakWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPtearWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPbending/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPtearWarp/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPelastWeft/@application) [Optional] (XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp/@application) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@application) [Optional] (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@application) [Optional]</p>
art	<p>article number of the product</p> <p>- base type: string, max length: 80, (XPath TEXSheet/TTbody/TTGroup/TTGitem/art) 0-1</p>
artGroup	<p>code identifying a class of products</p> <p>- base type: string, max length: 40, (XPath TEXSheet/TTbody/TTGroup/artGroup) 0-1</p>
artGroupName	<p>description of a class of products</p> <p>- 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</p> <p>- base type: duration, (XPath TEXSheet/TTbody/generalChar/avgDeliveryDD) 0-1</p>
b	<p>"b" dimension of the CIELab color system</p> <p>- base type: decimal, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/b) 1-1</p>

binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/ colorCardItem/refDoc/attachment/binaryObject) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject) 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: <i>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.</i>
CFdryClean	measur of color fastness to dry cleaning - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFdryClean) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
CFironDry	measure of color fastness to dry ironing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFironDry) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
CFironWet	measure of color fastness to wet ironing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFironWet) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
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: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
CFperspirAlk	measure of color fastness to alkaline perspiration - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFperspirAlk) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
CFrubDry	measure of color fastness to dry rubbing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubDry) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, divided by ";"</i>
CFrubOrgSolv	measure of color fastness to rubbing with organic solvents - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubOrgSolv) 0-1

	- note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"</i>
CFrubWet	measure of color fastness to wet rubbing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFrubWet) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"</i>
CFspotWater	measure of color fastness to spotting water - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFspotWater) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"</i>
CFwash	measure of color fastness to washing - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFwash) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"</i>
CFwater	measure of color fastness to water - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFwater) 0-1 - note: <i>when the test forsees two values (change-staining) the 1st value is change and the 2nd staining, devided by ";"</i>
CFxeno	measure of color fastness to Xeno-light - base type: string, max length: 10, (XPath TEXSheet/TTbody/colorFastness/CFxeno) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/characterSetCode) 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/TTGroup/TTGitem/art/@codeList) [Optional] - nota: <i>this attribute should be ALTERNATIVE to the others</i> (XPath TEXSheet/TTbody/TTGroup/artGroup/@codeList) [Optional] - nota: <i>this attribute should be ALTERNATIVE to the others</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/note/@codeList) [Optional]

	<p>- nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i>  (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@codeList) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@codeList) [Optional]</p> <p>- nota: <i>this attribute could be used as alternative to the others</i>  (XPath TEXSheet/TTbody/generalChar/season/@codeList) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@codeList) [Optional]</p> <p>- nota: <i>this attribute should be ALTERNATIVE to the others</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 could be used as alternative to the others</i>  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/refDoc/season/@codeList) [Optional]  (XPath TEXSheet/TTbody/generalChar/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/refDoc/season/@codeList) [Optional]</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,  (XPath TEXSheet/TTbody/TTGroup/TTGitem/color) 0-unbounded</p> <p>- note: <i>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 et c.)</i>  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/color) 1-2</p> <p>- note: <i>multiple color values allowed if they differ for at least one of the numberingOrg and listName attributes</i></p>
@colorType	<p>type of color to which a "color fastness" value refers</p> <p>- base type: string, cod. table: NT26  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT26.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT26.xml</a>  (XPath TEXSheet/TTbody/colorFastness/@colorType) [Optional]</p>
country	<p>code of the nation</p> <p>- base type: string, cod. table: T10  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml</a>  (XPath TEXSheet/TTheader/buyer/country) 0-1  (XPath TEXSheet/TTheader/supplier/country) 0-1</p>
customsStat	<p>statistic code assigned by Customs to a specified product</p> <p>- base type: string, max length: 15,  (XPath TEXSheet/TTbody/generalChar/customsStat) 0-1</p>
@CV	<p>coefficient of variation (CV) of a measurement</p> <p>- base type: decimal,  (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/  specValue/@CV) [Optional]  (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/  specValue/@CV) [Optional]  (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  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml</a>  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docDate/@dateForm) [Optional]</p> <p>(XPath TEXSheet/TTheader/msgDate/@dateForm) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/refDoc/docDate/@dateForm) [Optional]  (XPath TEXSheet/TTbody/TTGroup/refDoc/docDate/@dateForm) [Optional]</p>
dept	<p>name or code of a contact department within a Party</p> <p>- base type: string, max length: 40,  (XPath TEXSheet/TTheader/supplier/dept) 0-1  (XPath TEXSheet/TTheader/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,  (XPath TEXSheet/TTbody/TTGroup/TTGitem/description) 0-unbounded</p> <p>- note: <i>Product description</i>  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/description) 0-unbounded</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/refDoc/docDate) 0-1  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/docDate) 0-1  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docDate) 0-1</p>
docID	<p>identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID)</p> <p>- base type: string, max length: 80,  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/docID) 1-2  (XPath TEXSheet/TTheader/docID) 0-1  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docID) 1-2  (XPath TEXSheet/TTbody/TTGroup/refDoc/docID) 1-2</p>
@docType	<p>type or class to which the referenced document belongs</p> <p>- base type: string, cod. table: T21  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml</a>  (XPath TEXSheet/TTbody/TTGroup/refDoc/@docType) [Required]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/@docType) [Required]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/@docType) [Required]</p>
DSdryCleanLength	<p>measure of dimensional stability to dry cleaning (length)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSdryCleanLength) 0-1</p>
DSdryCleanWidth	<p>measure of dimensional stability to dry cleaning (width)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSdryCleanWidth) 0-1</p>
DSsteamLength	<p>measure of dimensional stability to steaming press (length)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSsteamLength) 0-1</p>
DSsteamWidth	<p>measure of dimensional stability to steaming press (width)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSsteamWidth) 0-1</p>
DSwashLength	<p>measure of dimensional stability to washing (length)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSwashLength) 0-1</p>
DSwashWidth	<p>measure of dimensional stability to washing (width)</p> <p>- base type: string, max length: 10,  (XPath TEXSheet/TTbody/dimensionStability/DSwashWidth) 0-1</p>
dyeProcess	<p>dye process applied to the fabric</p> <p>- base type: string, cod. table: T15  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T15.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T15.xml</a>  (XPath TEXSheet/TTbody/generalChar/dyeProcess) 0-1</p>
dyeStuff	<p>dye stuff used in the fabric dye process</p> <p>- base type: string, cod. table: T16  <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T16.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T16.xml</a>  (XPath TEXSheet/TTbody/generalChar/dyeStuff) 0-1</p>

element	chemical element or compound relevant to the analysis of fabric or yarn - base type: string, cod. table: T49 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T49.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T49.xml</a> (XPath TEXSheet/TTbody/ecoFeatures/qlyEcoFeatures/element) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/element) 1-1
@email	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/buyer/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/encodingCode) 0-1
equation	sign or symbol used in a mathematical equation - base type: string, cod. table: T50 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T50.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T50.xml</a> (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 1-1 <hr/> <b>AAAA-WARNING! - text not AVAILABLE n. 245 - In=en</b> (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/equation) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/equation) 0-1 - note: <i>DEPRECATED</i> , when two boundaries are needed to define the interval use a pair of rangeBoundary elements
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: 250, (XPath TEXSheet/TTbody/TTGroup/TTGitem/fabricNameBuyer) 0-1 (XPath TEXSheet/TTbody/generalChar/fabricNameBuyer) 0-1 - note: <i>Do not specify this information when generalChar is obtained in TCItem; specify it at the TCItem level.</i>
fabricNameSupplier	name given to the fabric (article/pattern) by the Supplier - base type: string, max length: 250, (XPath TEXSheet/TTbody/TTGroup/TTGitem/fabricNameSupplier) 0-1 (XPath TEXSheet/TTbody/generalChar/fabricNameSupplier) 0-1 - note: <i>Do not specify this information when generalChar is obtained in TCItem; specify it at the TCItem level.</i>
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 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml</a> (XPath TEXSheet/TTbody/construction/weftCount/@fibre) [Optional] (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/refDoc/attachment/fileName) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/fileName) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content - base type: string, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/formatCode) 0-1
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/buyer/id) 1-1 (XPath TEXSheet/TTHeader/supplier/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (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> (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>
@illuminant	CIE light source - base type: string, cod. table: T59 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T59.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T59.xml</a> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/@illuminant) [Optional]

@isURL	<p>it indicates if the referred element is an URL (true) or not (false)</p> <p>- base type: boolean, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true]</p> <p>- nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true]</p> <p>- nota: <i>usage of URLs is recommended</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true]</p> <p>- nota: <i>usage of URLs is recommended</i></p>
itemID	<p>number of the line/item of the referenced document</p> <p>- base type: string, max length: 6, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/itemID) 0-1 (XPath TEXSheet/TTbody/TTGroup/refDoc/itemID) 0-1 (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/itemID) 0-1</p>
L	<p>"L" value of the CIELab color system</p> <p>- base type: decimal, min inclusive: 0, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/CIELab/L) 1-1</p>
legalName	<p>legal name of a Party</p> <p>- base type: string, max length: 250, (XPath TEXSheet/TTHeader/buyer/legalName) 0-1 (XPath TEXSheet/TTHeader/supplier/legalName) 0-1</p>
lineN	<p>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.</p> <p>- base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath TEXSheet/TTbody/TTGroup/TTGitem/lineN) 0-1</p>
@listName	<p>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")</p> <p>- base type: string, max length: 40, (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/color/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@listName) [Optional] (XPath TEXSheet/TTbody/generalChar/season/@listName) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@listName) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/artGroup/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/season/@listName) [Optional]</p>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <p>- base type: string, max length: 6, (XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@listVersion) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i> (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@listVersion) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i></p>

	<p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@listVersion) [Optional]  - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i></p> <p>(XPath TEXSheet/TTbody/TTGroup/artGroup/@listVersion) [Optional]  - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i></p> <p>(XPath TEXSheet/TTbody/generalChar/season/@listVersion) [Optional]  (XPath TEXSheet/TTbody/TTGroup/refDoc/season/@listVersion) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/refDoc/season/@listVersion) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@listVersion) [Optional]  ]</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/color/@listVersion) [Optional]  - nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i></p>
@ln	<p>Language code.  - base type: string,  (XPath TEXSheet/TTbody/TTGroup/TTGitem/description/@ln) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/  colorCardItem/description/@ln) [Optional]</p>
@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.  - base type: string, max length: 255,  (XPath TEXSheet/TTheader/buyer/@logo) [Optional]  (XPath TEXSheet/TTheader/supplier/@logo) [Optional]</p>
@method	<p>standard protocol or method employed in a test to evaluate a characteristic or a parameter  - base type: string, max length: 80,  (XPath TEXSheet/TTbody/construction/checksFlaw/@method) [Optional]  (XPath TEXSheet/TTbody/mechanicalProps/MPspray/@method) [Optional]  (XPath TEXSheet/TTbody/construction/weftCount/@method) [Optional] [Default= ISO-2060]  (XPath TEXSheet/TTbody/dimensionStability/DSwashLength/@method) [Optional] [Default= ISO-5077/6330]  (XPath TEXSheet/TTbody/construction/warpCount/@method) [Optional] [Default= ISO-2060]  (XPath TEXSheet/TTbody/dimensionStability/DSsteamWidth/@method) [Optional] [Default= DIN-53894-2]  (XPath TEXSheet/TTbody/construction/bowingWeft/@method) [Optional]  (XPath TEXSheet/TTbody/colorFastness/CFxeno/@method) [Optional]  (XPath TEXSheet/TTbody/construction/bowingWarp/@method) [Optional]  (XPath TEXSheet/TTbody/colorFastness/CFrubDry/@method) [Optional] [Default= ISO-105-X12]  (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/  rangeBoundary/specValue/@method) [Optional]  (XPath TEXSheet/TTbody/colorFastness/CFperspirAcid/@method) [Optional] [Default= ISO-105-E04]  (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/CFironWet/@method) [Optional] [Default= ISO-105-X11]  (XPath TEXSheet/TTbody/colorFastness/CFspotWater/@method) [Optional] [Default= ISO-105-E07]  (XPath TEXSheet/TTbody/colorFastness/CFrubOrgSolv/@method) [Optional] [Default= ISO-105-D02]  (XPath TEXSheet/TTbody/colorFastness/CFironDry/@method) [Optional] [Default= ISO-105-X11]  (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@method) [Optional]  (XPath TEXSheet/TTbody/colorFastness/CFlight/@method) [Optional] [Default= ISO-105-B02]  (XPath TEXSheet/TTbody/construction/weftDev/@method) [Optional]</p>

	<p>(XPath TEXSheet/TTbody/dimensionStability/DSsteamLength/@method) [Optional] [Default= DIN-53894-2]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/colorFastness/CFdryClean/@method) [Optional] [Default = ISO-105-D01]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/colorFastness/CFwater/@method) [Optional] [Default= ISO-105-E01]</p> <p>(XPath TEXSheet/TTbody/colorFastness/CFwash/@method) [Optional] [Default= ISO-105-C06]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbending/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp/@method) [Optional] [Default= NFG-7117]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft/@method) [Optional] [Default= NFG-7117]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPtearWarp/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWeft/@method) [Optional] [Default= BS 4294-68]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWeft/@method) [Optional] [Default= ISO-1394-1]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWarp/@method) [Optional] [Default= ISO-1394-1]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPcrease/@method) [Optional] [Default= ISO-9867]</p> <p>(XPath TEXSheet/TTbody/dimensionStability/DSdryCleanWidth/@method) [Optional] [Default= ISO-3175]</p> <p>(XPath TEXSheet/TTbody/dimensionStability/DSdryCleanLength/@method) [Optional] [Default= ISO-3175]</p> <p>(XPath TEXSheet/TTbody/dimensionStability/DSwashWidth/@method) [Optional] [Default= ISO-5077/6330]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPtearWeft/@method) [Optional]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPabrasion/@method) [Optional] [Default= EN-12947]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPpilling/@method) [Optional] [Default = UNI-E-1512434]</p> <p>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWarp/@method) [Optional] [Default= BS 4294-68]</p>
@mime	<p>the mime type of the binary object</p> <p>- base type: normalizedString,</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/binaryObject/@mime) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/binaryObject/@mime) [Optional]</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/binaryObject/@mime) [Optional]</p>
mimeCode	<p>mime type of the external object</p> <p>- base type: normalizedString,</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/mimeCode) 0-1</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/mimeCode) 0-1</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/mimeCode) 0-1</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> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPabrasion) 0-3</li> <li>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></li> </ul>
MPbending	<p>measure of the resistance to repeated bending</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPbending) 0-1</li> </ul>
MPbreakWarp	<p>measure of the break strength (warp)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWarp) 0-1</li> </ul>
MPbreakWeft	<p>measure of the break strength (weft)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPbreakWeft) 0-1</li> </ul>
MPcrease	<p>crease recovery measure of the fabric after induced wrinkling</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPcrease) 0-1</li> </ul>
MPelastWarp	<p>measure of the elasticity (warp)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWarp) 0-3</li> </ul>
MPelastWeft	<p>measure of the elasticity (weft)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPelastWeft) 0-3</li> </ul>
MPpilling	<p>measure of pilling resistance</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPpilling) 0-3</li> <li>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></li> </ul>
MPseamSlipWarp	<p>measure of the seam slippage (warp)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWarp) 0-3</li> <li>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></li> </ul>
MPseamSlipWeft	<p>measure of the seam slippage (weft)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPseamSlipWeft) 0-3</li> <li>- note: <i>the data can be iterated when several measurements related to different applied forces or conditions occur.</i></li> </ul>
MPspray	<p>spray test measure</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPspray) 0-1</li> </ul>
MPtearWarp	<p>measure of the tear strength (warp)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPtearWarp) 0-3</li> </ul>
MPtearWeft	<p>measure of the tear strength (weft)</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 10,</li> <li>(XPath TEXSheet/TTbody/mechanicalProps/MPtearWeft) 0-3</li> </ul>
msgDate	<p>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.</p> <ul style="list-style-type: none"> <li>- base type: string,</li> <li>(XPath TEXSheet/TTheader/msgDate) 1-1</li> </ul>

@msgfunction	<p>function performed by the present message with regards to the transmission</p> <ul style="list-style-type: none"> <li>- base type: string, cod. table: NT18</li> <li><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml</a></li> <li>(XPath TEXSheet/@msgfunction) [Optional] [Default= OR]</li> </ul>
msgID	<p>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.</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 35,</li> <li>(XPath TEXSheet/THeader/msgID) 0-1</li> </ul>
msgN	<p>identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes.</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 35,</li> <li>(XPath TEXSheet/THeader/msgN) 1-1</li> </ul>
note	<p>free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 350,</li> <li>(XPath TEXSheet/TTbody/generalChar/note) 0-99</li> <li>- note: <i>here the charges for sub-optimized quantities or for samples can be specified</i></li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/note) 0-99</li> <li>(XPath TEXSheet/THeader/note) 0-99</li> </ul>
@noteLabel	<p>subject qualifier of a note</p> <ul style="list-style-type: none"> <li>- base type: string, max length: 35,</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/note/@noteLabel) [Optional]</li> <li>- nota: <i>must be used to qualify the subject of the note</i></li> <li>(XPath TEXSheet/TTbody/generalChar/note/@noteLabel) [Optional]</li> <li>- nota: <i>must be used to qualify the subject of the note</i></li> <li>(XPath TEXSheet/THeader/note/@noteLabel) [Optional]</li> <li>- nota: <i>must be used to qualify the subject of the note</i></li> </ul>
@numberingOrg	<p>code specifying the organisation who has created or owns the coding or numbering system</p> <ul style="list-style-type: none"> <li>- base type: string, cod. table: NT6</li> <li><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml</a></li> <li>(XPath TEXSheet/TTbody/TTGroup/artGroup/@numberingOrg) [Optional]</li> <li>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/docID/@numberingOrg) [Optional]</li> <li>- nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i></li> <li>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/fileName/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/color/@numberingOrg) [Optional]</li> <li>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/color/@numberingOrg) [Optional]</li> <li>- nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></li> <li>(XPath TEXSheet/TTbody/generalChar/season/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/season/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/note/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/added/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/fileName/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/refDoc/season/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/THeader/note/@numberingOrg) [Optional]</li> <li>(XPath TEXSheet/TTbody/TTGroup/refDoc/docID/@numberingOrg) [Optional]</li> <li>- nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i></li> </ul>

	<p>(XPath TEXSheet/TTbody/generalChar/note/@numberingOrg) [Optional]  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/fileName/@numberingOrg) [Optional]  (XPath TEXSheet/TTHeader/docID/@numberingOrg) [Optional]  - nota: here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)  (XPath TEXSheet/TTbody/TTGroup/TTGitem/art/@numberingOrg) [Optional]  - nota: this attribute should be used either single or coupled with "listName" and "listVersion"  (XPath TEXSheet/TTHeader/buyer/id/@numberingOrg) [Optional]  (XPath TEXSheet/TTHeader/buyer/additionalIdentifier/@numberingOrg) [Optional]  - nota: here the issuer of the identifier must be specified  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/season/@numberingOrg) [Optional]  (XPath TEXSheet/TTHeader/supplier/id/@numberingOrg) [Optional]  (XPath TEXSheet/TTHeader/supplier/additionalIdentifier/@numberingOrg) [Optional]  - nota: here the issuer of the identifier must be specified  (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/docID/@numberingOrg) [Optional]  - nota: here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)  (XPath TEXSheet/TTbody/TTGroup/TTGitem/pattern/@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/TTbody/TTGroup/TTGitem/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 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</p>
person	<p>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</p>
@phone	<p>phone number of the contact person within a Party  - base type: string, max length: 35,  (XPath TEXSheet/TTHeader/buyer/person/@phone) [Optional]  (XPath TEXSheet/TTHeader/supplier/person/@phone) [Optional]</p>
pieceLength	<p>length of the piece  - base type: decimal, min inclusive: 0, fraction digits: 2,  (XPath TEXSheet/TTbody/construction/pieceLength) 0-1</p>
postCode	<p>code defining the postal zone  - base type: string, max length: 10,  (XPath TEXSheet/TTHeader/supplier/postCode) 0-1  (XPath TEXSheet/TTHeader/buyer/postCode) 0-1</p>
resin	<p>resin (coating) percentage in finished weight  - base type: decimal, min inclusive: 0,  (XPath TEXSheet/TTbody/construction/resin) 0-1</p>
season	<p>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/TTGroup/TTGitem/refDoc/season) 0-1  - 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: <i>here indicates the season to which the referenced document belongs</i> (XPath TEXSheet/TTbody/TTGroup/refDoc/season) 0-1</p> <p>- note: <i>here indicates the season to which the referenced document belongs</i> (XPath TEXSheet/TTbody/generalChar/season) 0-1</p>
@sender	<p>qualifier that specifies the Party issuing of the document</p> <p>- base type: boolean, (XPath TEXSheet/TTheader/buyer/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXSheet/TTheader/supplier/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i></p>
@source	<p>party who has provided the data</p> <p>- base type: string, cod. table: NT12 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml</a> (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/rangeBoundary/specValue) 1-1 (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 1-1</p> <hr/> <p><b>AAAA-WARNING! - text not AVAILABLE n. 245 - In=en</b> (XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue) 0-1</p> <p>- note: <i>DEPRECATED, when two boundaries are needed to define the interval use a pair of rangeBoundary elements</i></p>
@standardObserver	<p>CIE average chromatic response definition</p> <p>- base type: string, cod. table: T60 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T60.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T60.xml</a> (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</p>
subCountry	<p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath TEXSheet/TTheader/supplier/subCountry) 0-1 (XPath TEXSheet/TTheader/buyer/subCountry) 0-1</p>
subDept	<p>name or code of a contact department within a Party</p> <p>- base type: string, max length: 40, (XPath TEXSheet/TTheader/buyer/subDept) 0-1 (XPath TEXSheet/TTheader/supplier/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>
@uid	<p>unique element identifier within the xml document</p> <p>- base type: string, (XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/@uid) [Optional] (XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/@uid) [Optional] (XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/@uid) [Optional]</p>

@um	<p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7</p> <p><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml</a></p> <p>(XPath TEXSheet/TTbody/construction/pieceLength/@um) [Optional] [Default= MTR]</p> <p>(XPath TEXSheet/TTbody/construction/fabricCutWidth/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/rangeBoundary/specValue/@um) [Optional]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@um) [Optional]</p> <p>(XPath TEXSheet/TTbody/construction/fabricWidth/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/specValue/@um) [Optional]</p> <p>(XPath TEXSheet/TTbody/generalChar/minLot/@um) [Required]</p> <p>(XPath TEXSheet/TTbody/ecoFeatures/qtyEcoFeatures/@um) [Optional] [Default= PPM]</p> <p>(XPath TEXSheet/TTbody/construction/fabricWeightM2/@um) [Optional] [Default= GRM]</p> <p>(XPath TEXSheet/TTbody/construction/fabricWeightM/@um) [Optional] [Default= GRM]</p> <p>(XPath TEXSheet/TTbody/generalChar/minLotExclusive/@um) [Required]</p>
uri	<p>Uniform Resource Identifier (URI) that identifies the external object as an Internet resource</p> <p>- base type: normalizedString,</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/colorCard/colorCardItem/refDoc/attachment/externalReference/uri) 1-1</p> <p>(XPath TEXSheet/TTbody/TTGroup/refDoc/attachment/externalReference/uri) 1-1</p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/refDoc/attachment/externalReference/uri) 1-1</p>
useIndic	<p>indicates if a given element is used in the specified object (fabric, yarn, ...)</p> <p>- base type: boolean,</p> <p>(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 is suggested a URI with reference to the firms or the URL of the profile.</p> <p>- base type: string,</p> <p>(XPath TEXSheet/@useProfile) [Optional]</p>
@VAT	<p>VAT rate or code (DEPRECATED, use dtScheme element)</p> <p>- base type: string, cod. table: NT16</p> <p><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml</a></p> <p>(XPath TEXSheet/TTbody/TTGroup/TTGitem/lineN/@VAT) [Optional]</p> <p>- nota: <i>Deprecated, prefer dtScheme when available.</i></p>
@version	<p>Dictionary version from which the instance has been created</p> <p>- base type: string, cod. table: NT100</p> <p><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml</a></p> <p>(XPath TEXSheet/@version) [Optional] [Default= draft]</p>
warpCount	<p>measure of thinness of the warp thread</p> <p>- base type: string, max length: 10,</p> <p>(XPath TEXSheet/TTbody/construction/warpCount) 0-9</p>
warpEndsN	<p>number of warp threads in 1 centimetre</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 1,</p> <p>(XPath TEXSheet/TTbody/construction/warpEndsN) 0-1</p>
weave	<p>type of weaving used in the manufacturing of fabric</p> <p>- base type: string, cod. table: T17</p> <p><a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T17.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T17.xml</a></p> <p>(XPath TEXSheet/TTbody/construction/weave) 0-1</p>

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 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/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/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 the corresponding codes at:  
<http://www.ebiz-tcf.eu/moda-ml/imple/moda-ml-draft.asp?lingua=en&pag=6>

NT100 - eBIZ TCFUpstream version

NT12 - data source

NT16 - VAT rate or code

NT18 - message function

NT26 - color type

NT29 - format of a date

NT6 - coding system owner/issuer

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

T44 - additional code type

T49 - chemical elements

T50 - equation sign

T59 - CIE illuminant

T60 - CIE standard observer

## ACKNOWLEDGEMENT



This action is part of the eBIZ-4.0 project, which has received funding from the European Union's COSME Programme (2014 - 2020).

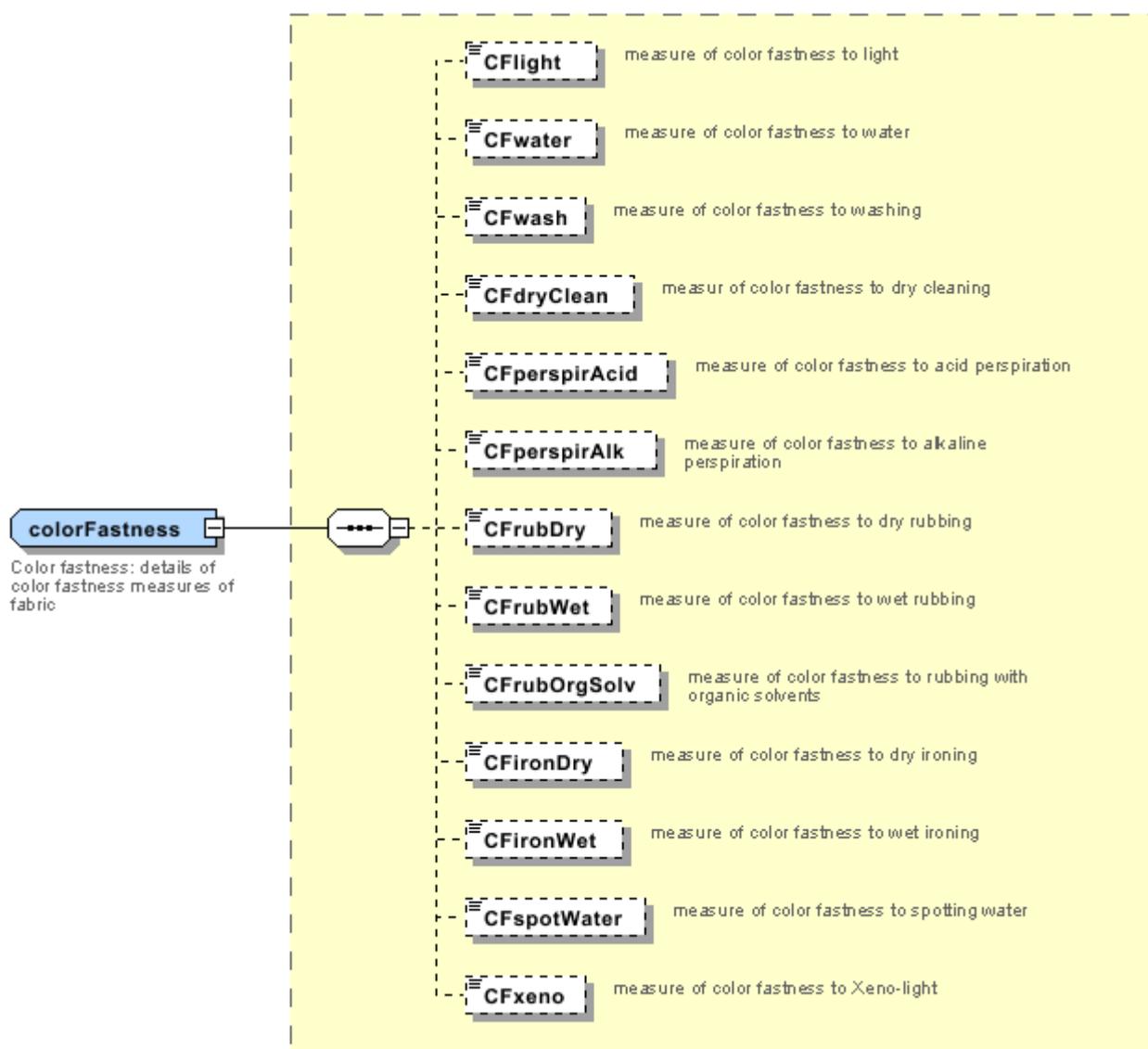
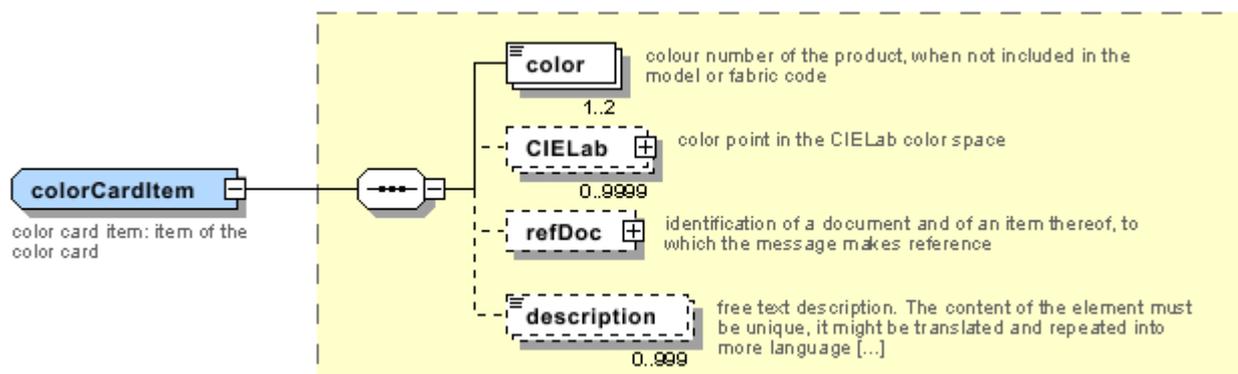
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The European Commission and the Agency do not accept any responsibility for use that may be made of the information it contains.

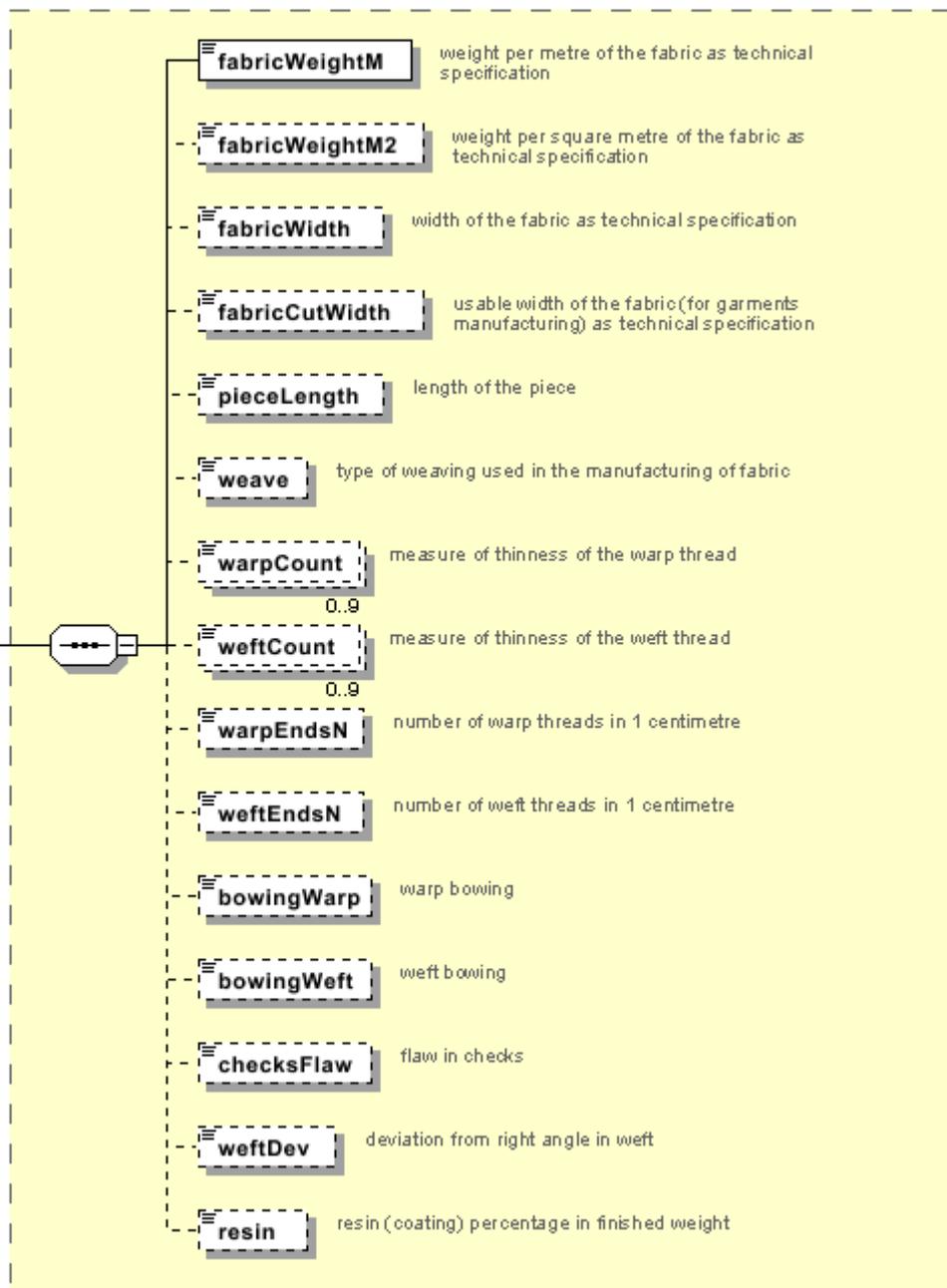
## Annex A

Representative images of the principal complex elements' structure.

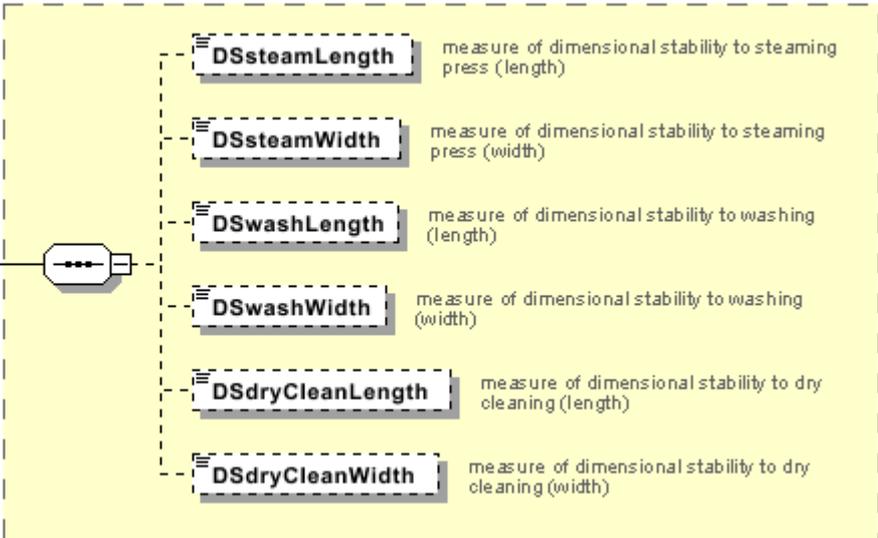


**construction**

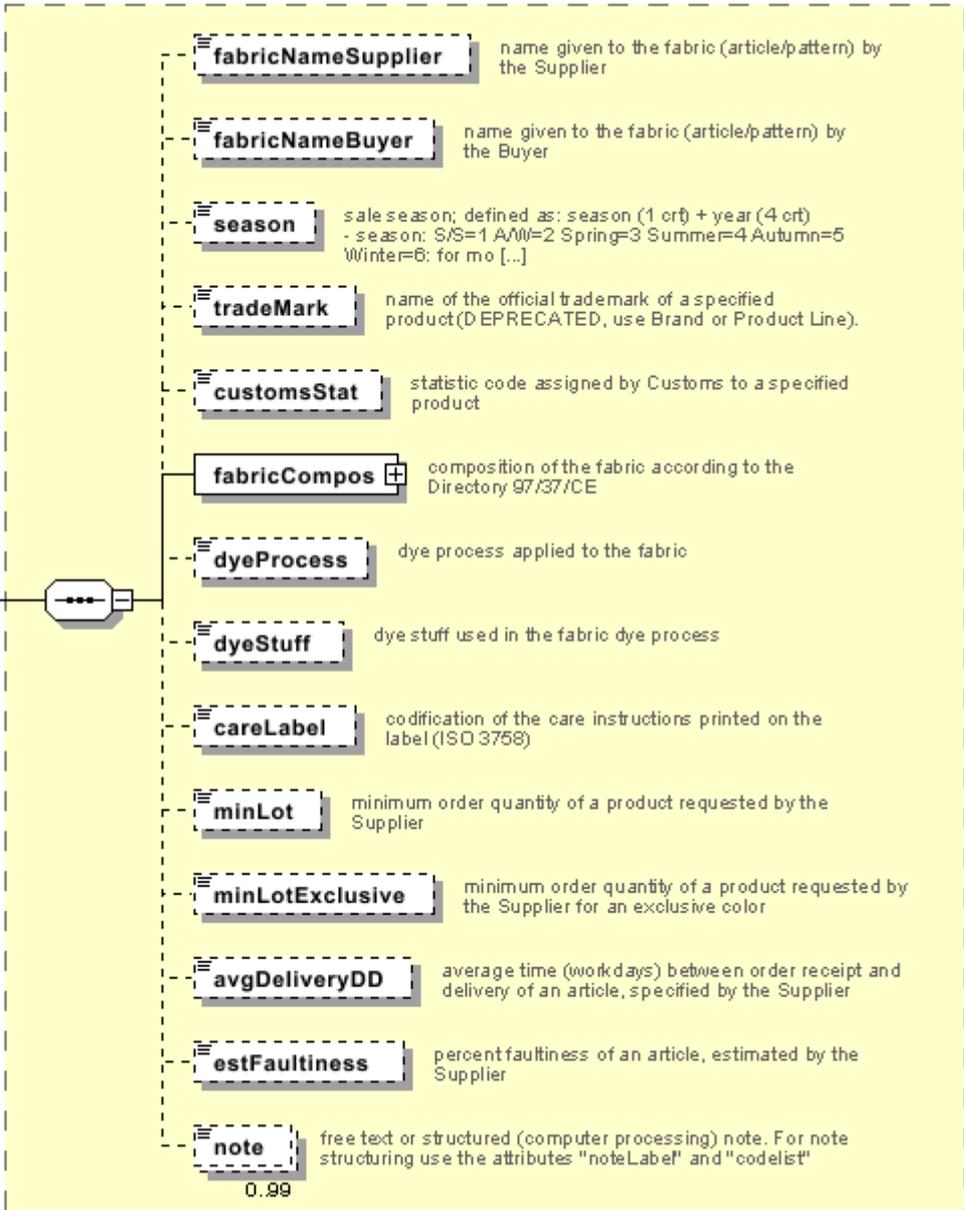
Construction details fabric: construction data and features included in the technical sheet of the fabric article

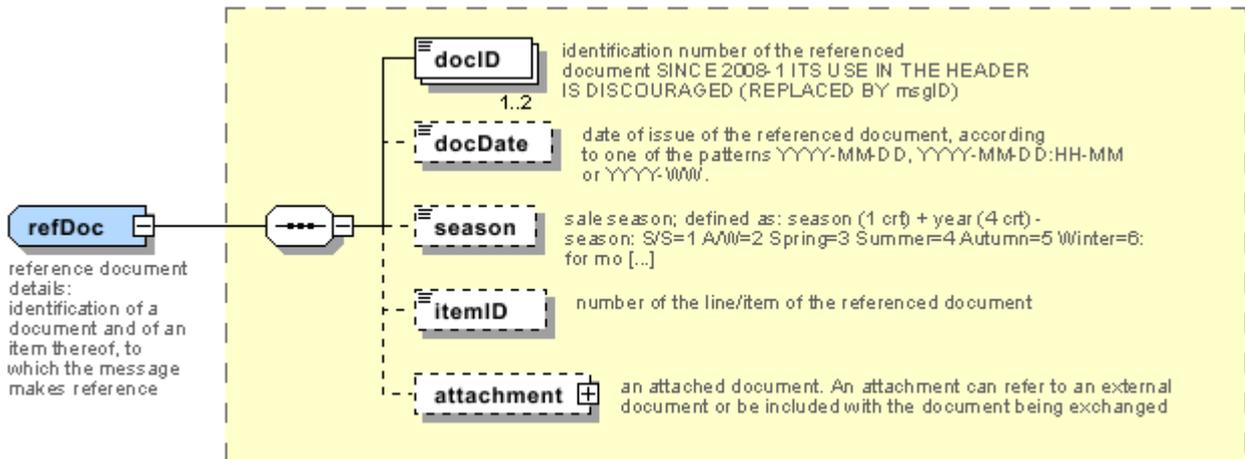
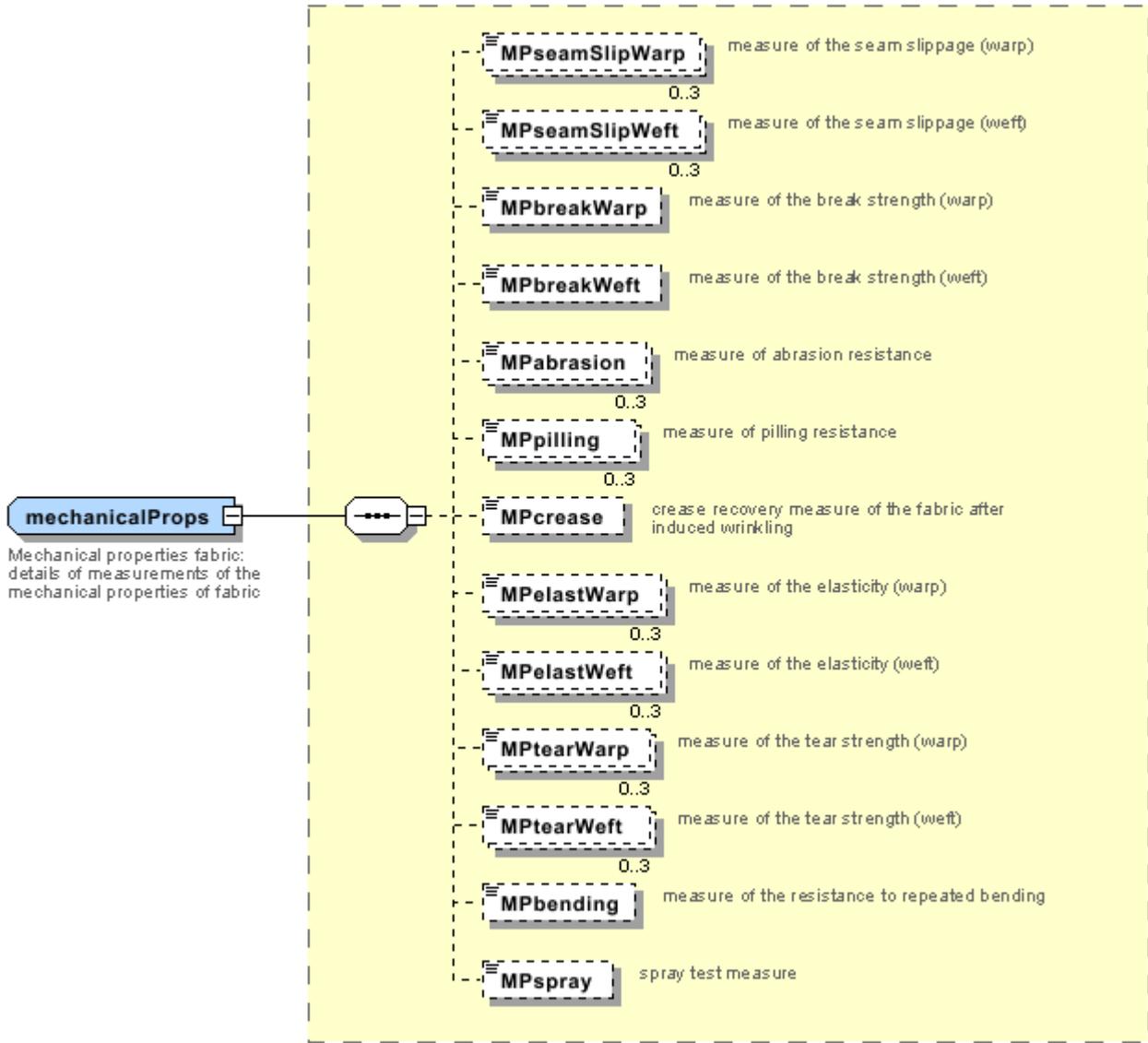


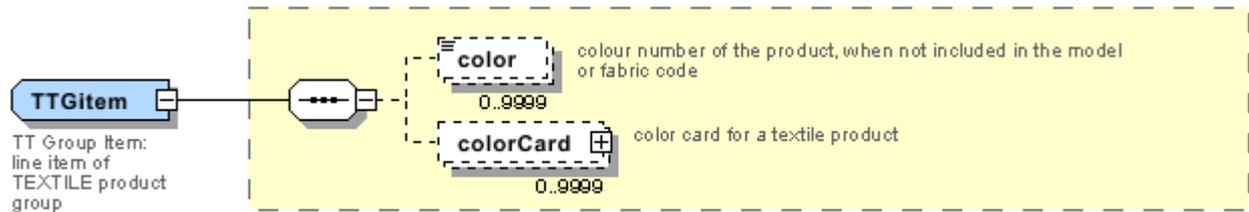
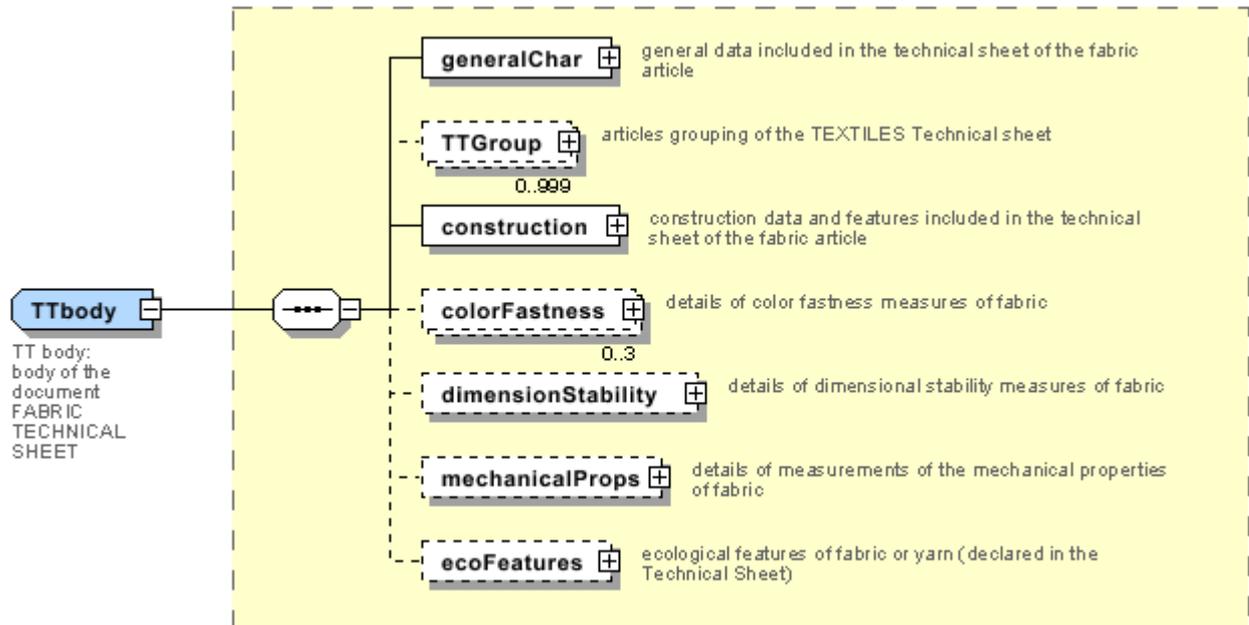
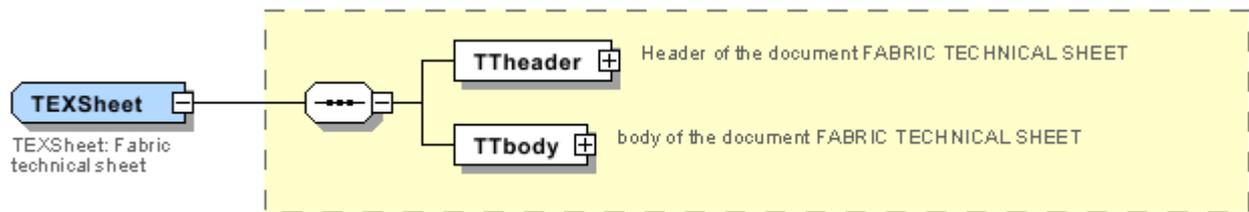
**dimensionStability**  
 Dimensional stability: details of dimensional stability measures of fabric



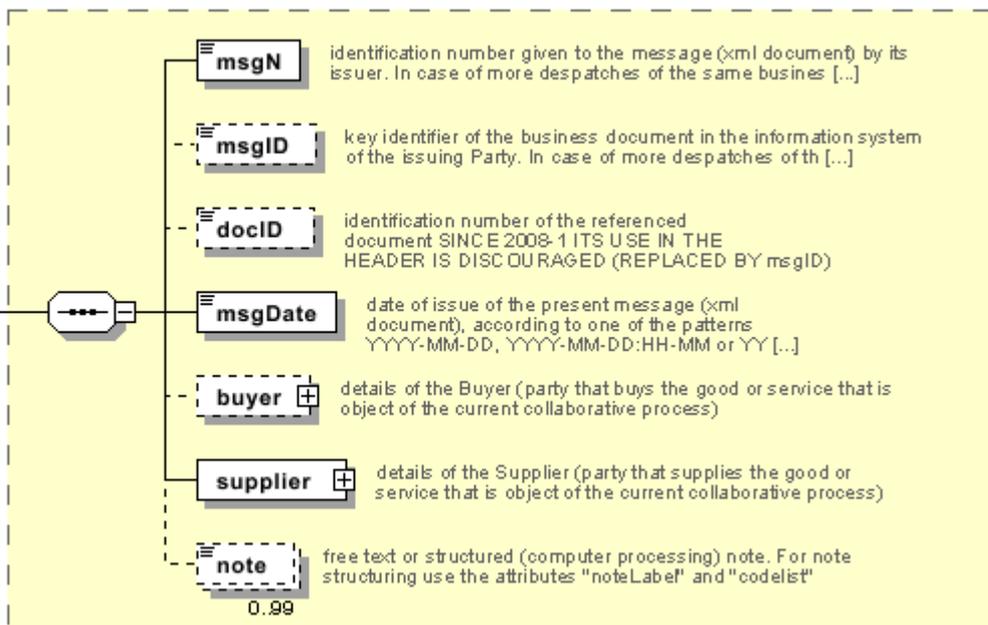
**generalChar**  
 General characteristics fabric: general data included in the technical sheet of the fabric article







**TTheader**  
 TT header:  
 Header of the  
 document  
 FABRIC  
 TECHNICAL  
 SHEET



## Annex B

---

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

#### Wash

#### Description



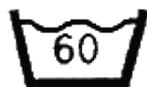
Maximum temperature 95°C  
Mechanical action normal  
Rinsing normal  
Spinning normal



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



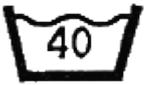
Maximum temperature 50°C  
Mechanical action reduced  
Rinsing at gradually decreasing temperature (Cool down)  
Spinning reduced



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**

	<b>Description</b>	<b>Setting</b>	<b>Article</b>
	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**

	<b>Description</b>
	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

## Annex C

### NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

tabella cod.: NT100

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT100.xml](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

tabella cod.: NT12

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT12.xml](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 )

tabella cod.: NT16

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT16.xml](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

tabella cod.: NT18

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT18.xml](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		

### NT26 - color type

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

Agency name: eBIZ

tabella cod.: NT26

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT26.xml](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

tabella cod.: NT29

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT29.xml](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		
W	YYYY-WW		

### NT6 - coding system owner/issuer

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

Agency name: eBIZ

tabella cod.: NT6

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT6.xml](http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml)

Code	Description	Adoption note	Date of insertion
CL	Customer/buyer		
CO	Quality Controller		
EN	GS1 ( ex-EAN International )		
ES	e-Stockflow		
FO	Supplier		
GS	GS1		01/07/2013
MF	VAT identifier		
ML	Moda-ML		
SP	Service Provider		

#### 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

tabella cod.: NT7

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT7.xml](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		
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		
MIN	minute		
MMK	centimetre		20/12/2017
MMK	square millimetre		20/12/2017
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		
YRD	yard		

### T10 - ISO3166 - Country

code of the nation

Agency name: ISO

tabella cod.: T10

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T10.xml](http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml)

Table not printed: there are 239 elements, more than the maximum specified for printing: 99.

### T15 - dye/print process type

dye process applied to the fabric

Agency name: eBIZ

tabella cod.: T15

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T15.xml](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

tabella cod.: T16

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T16.xml](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

tabella cod.: T17

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T17.xml](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

tabella cod.: T19

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T19.xml](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
CA	hemp		
CC	coir (coconut)		20/08/2018
CL	chlorofibre		
CO	cotton		
CU	cuprous		

EA	elastan		
EL	Elastodiene		20/08/2018
FL	fluorofibre		
GI	broom		20/08/2018
GL	textile glass		
HA	hair		20/08/2018
HE	henequen		20/08/2018
HL	mixed linen		
HL	cotton linen union		20/08/2018
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
PA	polyamide		
PB	polyureic		
PC	acrylic		
PE	polyethylene		
PI	paper		20/08/2018
PL	polyester		
PM	polyimide		
PP	polypropylene		
PR	proteic		
PU	polyurethane		
RA	mamie		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

tabella cod.: T21

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T21.xml](http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml)

Code	Description	Adoption note	Date of insertion
BOR	blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
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	ddt		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
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		
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		
SCL	process sheet		
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		
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		

#### T44 - additional code type

qualifier of the additional coding of a product

Agency name: eBIZ

tabella cod.: T44

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T44.xml](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

tabella cod.: T49

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T49.xml](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	MRCURIUM		
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

tabella cod.: T50

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T50.xml](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		17/12/2018
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### T59 - CIE illuminant

CIE light source

tabella cod.: T59

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T59.xml](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 5003Kà		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

tabella cod.: T60

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_T60.xml](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