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DRAFT

IMPLEMENTATION GUIDE

TRANSACTION "TEXTILE QUALITY REPORT"

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

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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 "Textile QUALITY REPORT", providing all the instructions 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

The message is issued either by the Fabric Producer and/or by the Fabric Quality Controller as "quality certificate" of the fabric piece, mainly to anticipate the details on the existence, position and classification of faults in order to accelerate and improve the following apparel manufacturing.

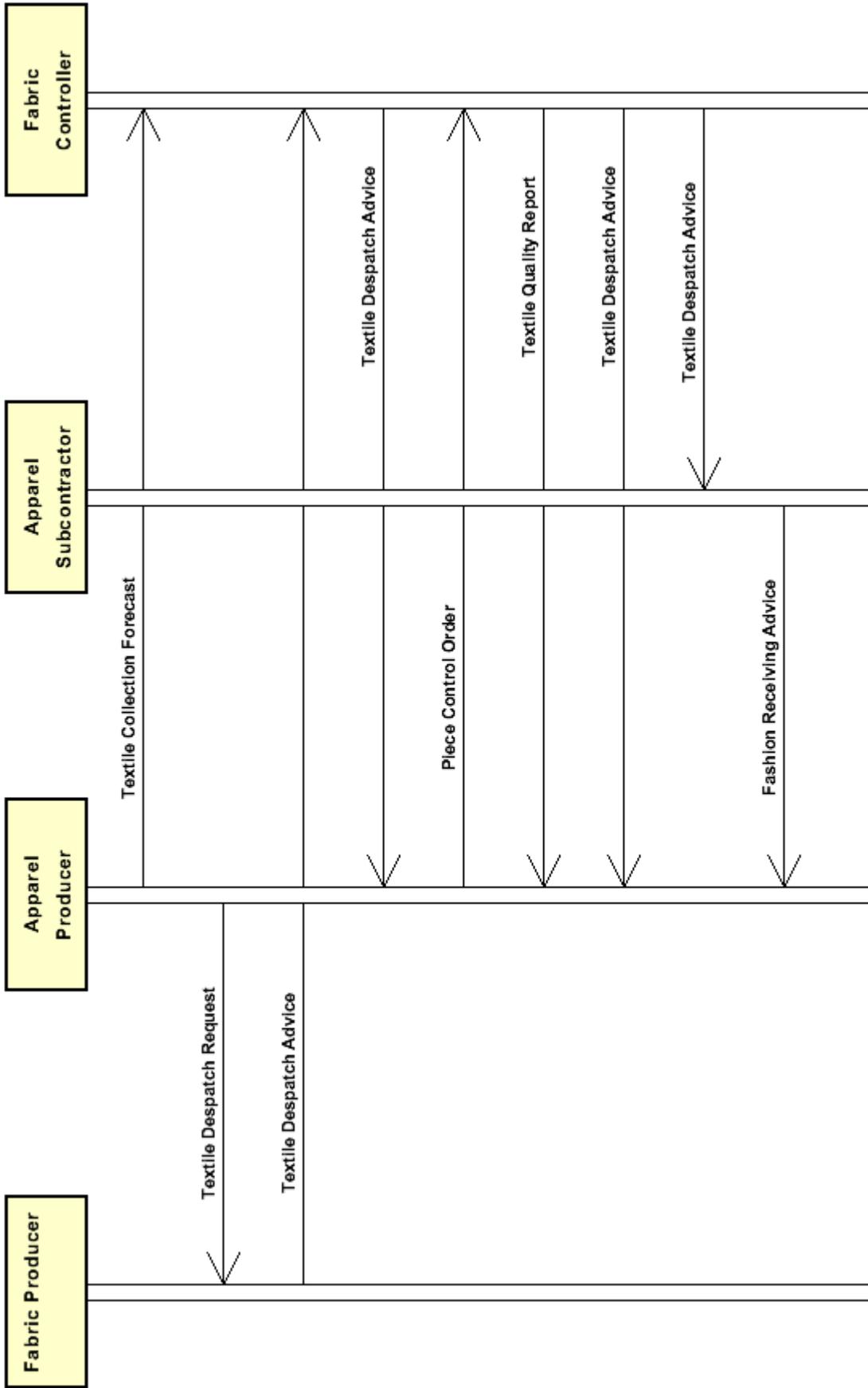
Each document refers either to one piece of fabric, identified by its id. number (TQ type ="S"ingle) or to several pieces belonging to the same shipment (TQ type="M"ultiple) and likewise identified.

The following classes of data can be reported in the document:

- physical dimensions and overall allowance
- fabric faults and their positions
- test value of conformance to specifications and tailorability
- the reporting of the inspection.

1.3. Possible scenario

Fabric delivery with quality reporting by controller



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

TEXQualityRpt

@TQtype [Optional]

@msgfunction [Optional] [Default= OR]

@version [Optional] [Default= draft]

@useProfile [Optional]

| **TQheader 1-1**

| | msgN 1-1

| - choose -

| | msgID 0-1

| - or -

| | docID 0-1

| | @numberingOrg [Optional]

| - end choose -

| | msgDate 1-1

| | @dateForm [Optional]

| **buyer 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

| **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
- | | **thirdParty 0-5**
- | | | @VAT [Optional]
- | | | @role [Required]
- | | | @sender [Optional]
- | | | id 1-1
- | | | | @numberingOrg [Optional]
- | | | | legalName 0-1
- | | | | dept 0-1
- | | | | subDept 0-1
- | | | | person 0-1
- | | | | @email [Optional]
- | | | | @phone [Optional]
- | | | | @fax [Optional]
- | | | | street 0-1
- | | | | city 0-1
- | | | | subCountry 0-1
- | | | | country 0-1
- | | | | postCode 0-1
- | | | note 0-99
- | | | @numberingOrg [Optional]
- | | | @codeList [Optional]
- | | | @noteLabel [Optional]

TQbody 1-1

- | | **TQitem 1-unbounded**
- | | | serialN 1-9
- | | | | @numberingOrg [Optional]
- | | | | @idQualifier [Optional]
- | | | **texCode 0-2**
- | | | | @numberingOrg [Optional]
- | | | | | art 1-1
- | | | | | | @numberingOrg [Optional]
- | | | | | | @codeList [Optional]
- | | | | | | @listName [Optional]
- | | | | | | @listVersion [Optional]
- | | | | | pattern 0-1
- | | | | | | @numberingOrg [Optional]
- | | | | | | @codeList [Optional]
- | | | | | | @listName [Optional]
- | | | | | | @listVersion [Optional]
- | | | | | color 0-1
- | | | | | | @numberingOrg [Optional]
- | | | | | | @codeList [Optional]
- | | | | | | @listName [Optional]
- | | | | | | @listVersion [Optional]
- | | | | | added 0-9
- | | | | | | @numberingOrg [Optional]

| @addType [Optional]
 | description 0-unbounded
 | @ln [Optional]

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

testDate 0-1
 @dateForm [Optional]

lotN 0-1
 @numberingOrg [Optional]

dyeN 0-1
 @numberingOrg [Optional]

mixMatch 0-1
 @numberingOrg [Optional]

pieceMeasures 1-3
 @source [Required]
 | pieceLength 0-1
 | @um [Optional] [Default= MTR]
 | pieceWeight 0-1
 | @um [Optional] [Default= KGM]
 | grossWeight 0-1
 | @um [Required]
 | pieceCutWidth 0-1
 | @um [Optional] [Default= CMT]
 | pieceWeightM 0-1
 | @um [Optional] [Default= GRM]
 | pieceWidth 0-1
 | @um [Optional] [Default= CMT]
 | pieceAllow 0-1
 | @um [Required]

pieceAllowMea 0-2
 @source [Required]
 | pieceAllowM 0-1
 | @um [Required]
 | pieceAllowF 0-1
 | @um [Required]

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| | | | pieceAllow 1-1
| | | | @um [Required]
| | | pieceMap 1-2
| | | | @source [Required]
| | | | totFault 1-1
| | | | pieceFault 0-99
| | | | | @faultRank [Required]
| | | | | @faultShape [Optional]
| | | | - choose -
| | | | | fabricFaultText 1-1
| | | | - or -
| | | | | fabricFault 1-1
| | | | - end choose -
| | | | | warpStart 1-1
| | | | | | @um [Optional] [Default= MTR]
| | | | | warpEnd 0-1
| | | | | | @um [Optional] [Default= MTR]
| | | | | weftStart 0-1
| | | | | | @um [Optional] [Default= CMT]
| | | | | weftEnd 0-1
| | | | | | @um [Optional] [Default= CMT]
| | | | | pieceAllow 0-1
| | | | | | @um [Required]
| | | | | note 0-99
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @noteLabel [Optional]
| | | pieceTestRpt 0-2
| | | | @source [Required]
| | | | | fabricTest 1-99
| | | | | - choose -
| | | | | | fabricChar 1-1
| | | | | - or -
| | | | | | fabricCharText 1-1
| | | | | - end choose -
| | | | | | experimValue 0-9
| | | | | | | @um [Optional]
| | | | | | | @method [Optional]
| | | | | | | @application [Optional]
| | | | | | | @idCO [Optional]
| | | | | | comply 0-1
| | | | | | note 0-99
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @noteLabel [Optional]
| | | | | fabricTaylorability 0-99
| | | | | | taylorabilityChar 1-1
| | | | | | experimValue 0-9
| | | | | | | @um [Optional]
| | | | | | | @method [Optional]
| | | | | | | @application [Optional]
| | | | | | | @idCO [Optional]
| | | | | | comply 0-1
| | | | | | note 0-99
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @noteLabel [Optional]
| | | pieceControlRpt 1-1
| | | | pieceControl 0-1
| | | | | @numberingOrg [Optional]
| | | | pieceStatus 0-1

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				registrationDate 0-1
				@dateForm [Optional]
				preexaminationDate 0-1
				@dateForm [Optional]
				inspectionDate 0-1
				@dateForm [Optional]
				rollUpDate 0-1
				@dateForm [Optional]

2.2 Detailed description of document elements

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

2.2.1 Complex elements (Aggregate Business Information Entities)

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

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/attachment</code>) 0-1
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath <code>TEXQualityRpt/TQheader/buyer</code>) 1-1
externalReference	details about an external object, such as a document stored at a remote location (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference</code>) 0-99
fabricTaylorability	taylorability data. Include the type and the value of the taylorability parameter (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability</code>) 0-99
fabricTest	details of the test performed on a fabric. Include the parameter evaluated, the experimental value (one or more) and the declaration of conformity (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest</code>) 1-99
pieceAllowMea	allowance measure for a fabric piece (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceAllowMea</code>) 0-2
pieceControlRpt	report of the control operations executed on a fabric piece (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceControlRpt</code>) 1-1
pieceFault	classification, position and allowance of the piece faults. The reference point (0,0) for the position is the lower left corner of the piece (selvedge excluded) (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault</code>) 0-99
pieceMap	mapping of the piece faults: type, rank and location (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceMap</code>) 1-2 - note: <i>this data group can be iterated to compare the values provided by the Supplier with the values obtained by the external Quality Controller</i>
pieceMeasures	basic measurements of the piece; include width, length, weight and allowance. (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceMeasures</code>) 1-3 - note: <i>this data group can be iterated to compare the values provided by the Supplier with the values obtained by the external Quality Controller</i>
pieceTestRpt	details of the quality test performed on the piece. Includes two sections: test upon the technical characteristics of fabric in general and the taylorability test (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceTestRpt</code>) 0-2 - note: <i>this data group can be iterated to compare the values provided by the Supplier with the values obtained by the external Quality Controller</i>
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc</code>) 0-1

	- note: <i>here the number of the Despatch Advise of the piece can be specified</i>
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXQualityRpt/TQheader/supplier) 1-1
texCode	full codification of the textile product (XPath TEXQualityRpt/TQbody/TQitem/texCode) 0-2
thirdParty	details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath TEXQualityRpt/TQheader/thirdParty) 0-5 - note: <i>in this case the only permitted third Party is the Controller (role="CO")</i>
TQbody	body of the document TEXTILES QUALITY REPORT. It contains one TQitem element for each textile quality report. (XPath TEXQualityRpt/TQbody) 1-1 - note: <i>In multiple reports (TQtype="M") this section must contain more than one TQitem.</i>
TQheader	header of the TEXTILES QUALITY REPORT. (XPath TEXQualityRpt/TQheader) 1-1 - note: <i>In the document issued by the Controller (sent to Client and Supplier) the Controller must identify as "third party". The attribute "logo" should be used only in conjunction with Supplier or Quality Controller.</i>
TQitem	line item of the document TEXTILES QUALITY REPORT. It includes 5 sections: identification data-measurements-faults map- test results-inspection report (XPath TEXQualityRpt/TQbody/TQitem) 1-unbounded

2.2.2 Simple elements (Basic Business Information Entities)

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

added	additional code of the product (complementing the formers) - base type: string, max length: 80, (XPath TEXQualityRpt/TQbody/TQitem/texCode/added) 0-9 - note: <i>here an additional codification (see table T44) can be specified</i>
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15, (XPath TEXQualityRpt/TQheader/buyer/additionalIdentifier) 0-9 - 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 TEXQualityRpt/TQheader/supplier/additionalIdentifier) 0-9 - note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)</i>
@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml (XPath TEXQualityRpt/TQbody/TQitem/texCode/added/@addType) [Optional] - nota: <i>addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.</i>

@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 TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/experimValue/@application) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/experimValue/@application) [Optional]
art	article number of the product - base type: string, max length: 80, (XPath TEXQualityRpt/TQbody/TQitem/texCode/art) 1-1 - note: can be used either for the base-article (excluding pattern/colour) or for the SKU
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/binaryObject) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath TEXQualityRpt/TQheader/thirdParty/city) 0-1 (XPath TEXQualityRpt/TQheader/buyer/city) 0-1 (XPath TEXQualityRpt/TQheader/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 TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/note/@codeList) [Optional] - nota: must be used to provide (URL) the list of codes used in "noteLabel" (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/note/@codeList) [Optional] - nota: must be used to provide (URL) the list of codes used in "noteLabel" (XPath TEXQualityRpt/TQbody/TQitem/refDoc/season/@codeList) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/texCode/color/@codeList) [Optional] - nota: this attribute could be used as alternative to the others (XPath TEXQualityRpt/TQbody/TQitem/texCode/pattern/@codeList) [Optional] - nota: this attribute should be ALTERNATIVE to the others (XPath TEXQualityRpt/TQbody/TQitem/texCode/art/@codeList) [Optional] - nota: this attribute should be ALTERNATIVE to the others (XPath TEXQualityRpt/TQheader/note/@codeList) [Optional] - nota: must be used to provide (URL) the list of codes used in "noteLabel" (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/note/@codeList) [Optional] - nota: must be used to provide (URL) the list of codes used in "noteLabel"
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15, (XPath TEXQualityRpt/TQbody/TQitem/texCode/color) 0-1
comply	specifies if the experimental value complies with the standard requirement (target value) - base type: boolean, (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/comply) 0-1

	(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/comply) 0-1
country	code of the nation - base type: string, cod. table: T10 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml (XPath TEXQualityRpt/TQheader/thirdParty/country) 0-1 (XPath TEXQualityRpt/TQheader/supplier/country) 0-1 (XPath TEXQualityRpt/TQheader/buyer/country) 0-1
@dateForm	format used for the date - base type: string, cod. table: NT29 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/inspectionDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/refDoc/docDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/rollUpDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/preexaminationDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/registrationDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/testDate/@dateForm) [Optional] (XPath TEXQualityRpt/TQheader/msgDate/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath TEXQualityRpt/TQheader/buyer/dept) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/dept) 0-1 (XPath TEXQualityRpt/TQheader/supplier/dept) 0-1
description	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). - base type: string, max length: 250, (XPath TEXQualityRpt/TQbody/TQitem/texCode/description) 0-unbounded - note: <i>Product description</i>
docDate	date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/docDate) 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 TEXQualityRpt/TQbody/TQitem/refDoc/docID) 1-2 (XPath TEXQualityRpt/TQheader/docID) 0-1
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml (XPath TEXQualityRpt/TQbody/TQitem/refDoc/@docType) [Required]
dyeN	number of the dyeing batch of a textile product - base type: string, max length: 15, (XPath TEXQualityRpt/TQbody/TQitem/dyeN) 0-1
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath TEXQualityRpt/TQheader/buyer/person/@email) [Optional] (XPath TEXQualityRpt/TQheader/supplier/person/@email) [Optional] (XPath TEXQualityRpt/TQheader/thirdParty/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/binaryObject/@encoding) [Optional]

encodingCode	<p>the encoding/decoding algorithm used with the external object</p> <ul style="list-style-type: none"> - base type: normalizedString, <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/encodingCode) 0-1</p>
experimValue	<p>experimental value of the measurement</p> <ul style="list-style-type: none"> - base type: decimal, <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/experimValue) 0-9</p> <ul style="list-style-type: none"> - note: <i>this data can be iterated to provide repeated instances of the same test</i> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/experimValue) 0-9</p> <ul style="list-style-type: none"> - note: <i>in the case of FAST test the attributes "meth" and "applic" should not be used</i>
fabricChar	<p>code of the physical or mechanical parameter used to define a "technical characteristic of the fabric" (see Fabric technical sheet)</p> <ul style="list-style-type: none"> - base type: string, cod. table: T13 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T13.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/fabricChar) 1-1</p> <ul style="list-style-type: none"> - note: <i>here the MODA-ML codelist must be used.</i>
fabricCharText	<p>free text describing the physical or mechanical parameter used to define a "technical characteristic of the fabric"</p> <ul style="list-style-type: none"> - base type: string, max length: 80, <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/fabricCharText) 1-1</p> <ul style="list-style-type: none"> - note: <i>here the text or the proprietary code mutually agreed must be used</i>
fabricFault	<p>code specifying the type or class of fabric fault</p> <ul style="list-style-type: none"> - base type: string, cod. table: T12 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T12.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/fabricFault) 1-1</p> <ul style="list-style-type: none"> - note: <i>here the MODA-ML codelist must be used.</i>
fabricFaultText	<p>free text describing the type or class of the fabric fault</p> <ul style="list-style-type: none"> - base type: string, max length: 250, <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/fabricFaultText) 1-1</p> <ul style="list-style-type: none"> - note: <i>here the text or proprietary code mutually agreed must be used</i>
@faultRank	<p>ranking class of the fabric fault</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT13 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT13.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/@faultRank) [Required]</p>
@faultShape	<p>shape classification of the fabric fault</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT14 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT14.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/@faultShape) [Optional]</p>
@fax	<p>fax number of the contact person within a Party</p> <ul style="list-style-type: none"> - base type: string, max length: 35, <p>(XPath TEXQualityRpt/TQheader/supplier/person/@fax) [Optional]</p> <p>(XPath TEXQualityRpt/TQheader/buyer/person/@fax) [Optional]</p> <p>(XPath TEXQualityRpt/TQheader/thirdParty/person/@fax) [Optional]</p>
fileName	<p>unique identifier (name) of the file</p> <ul style="list-style-type: none"> - base type: string, max length: 255, <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/fileName) 0-1</p>
@format	<p>the format of the binary content</p> <ul style="list-style-type: none"> - base type: string,

	(XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/attachment/binaryObject/@format</code>) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/formatCode</code>) 0-1
grossWeight	the gross weight, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceMeasures/grossWeight</code>) 0-1 - note: <i>gross weight is related to the weight of the piece after packing</i>
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 <code>TEXQualityRpt/TQheader/supplier/id</code>) 1-1 (XPath <code>TEXQualityRpt/TQheader/thirdParty/id</code>) 1-1 (XPath <code>TEXQualityRpt/TQheader/buyer/id</code>) 1-1
@idCO	primary identification code of the Party executing the test; it is recommended the format: nation code (ISO 3166) + VAT identification number (11 crt). - base type: string, max length: 15, (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/experimValue/@idCO</code>) [Optional] (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/experimValue/@idCO</code>) [Optional]
@idQualifier	Qualification of the identifier. - base type: string, (XPath <code>TEXQualityRpt/TQheader/buyer/additionalIdentifier/@idQualifier</code>) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i> (XPath <code>TEXQualityRpt/TQheader/supplier/additionalIdentifier/@idQualifier</code>) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i> (XPath <code>TEXQualityRpt/TQbody/TQitem/serialN/@idQualifier</code>) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier</i>
inspectionDate	date of inspection (normally of a fabric piece), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath <code>TEXQualityRpt/TQbody/TQitem/pieceControlRpt/inspectionDate</code>) 0-1
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/uri/@isURL</code>) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i>
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath <code>TEXQualityRpt/TQbody/TQitem/refDoc/itemID</code>) 0-1
legalName	legal name of a Party - base type: string, max length: 250, (XPath <code>TEXQualityRpt/TQheader/buyer/legalName</code>) 0-1 (XPath <code>TEXQualityRpt/TQheader/supplier/legalName</code>) 0-1 (XPath <code>TEXQualityRpt/TQheader/thirdParty/legalName</code>) 0-1
@listName	the name of the list of codes used to make an instance of the element (it might be thought as descriptive element, i.e. 'fabric printing technologies', or n

	<p>ot, i.e. "T264")</p> <ul style="list-style-type: none"> - base type: string, max length: 40, (XPath TEXQualityRpt/TQbody/TQitem/texCode/art/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXQualityRpt/TQbody/TQitem/texCode/pattern/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXQualityRpt/TQbody/TQitem/refDoc/season/@listName) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/texCode/color/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <ul style="list-style-type: none"> - base type: string, max length: 6, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/season/@listVersion) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/texCode/pattern/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i> (XPath TEXQualityRpt/TQbody/TQitem/texCode/art/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i> (XPath TEXQualityRpt/TQbody/TQitem/texCode/color/@listVersion) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i>
@ln	<p>Language code.</p> <ul style="list-style-type: none"> - base type: string, (XPath TEXQualityRpt/TQbody/TQitem/texCode/description/@ln) [Optional]
@logo	<p>company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel.</p> <ul style="list-style-type: none"> - base type: string, max length: 255, (XPath TEXQualityRpt/TQheader/supplier/@logo) [Optional] (XPath TEXQualityRpt/TQheader/buyer/@logo) [Optional]
lotN	<p>lot number of a product or batch number of the raw material</p> <ul style="list-style-type: none"> - base type: string, max length: 15, (XPath TEXQualityRpt/TQbody/TQitem/lotN) 0-1
@method	<p>standard protocol or method employed in a test to evaluate a characteristic or a parameter</p> <ul style="list-style-type: none"> - base type: string, max length: 80, (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/experimValue/@method) [Optional] - nota: <i>we recommend the specification of the method of measure only when different from the one of the MODA-ML coding system</i> (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/experimValue/@method) [Optional] - nota: <i>we recommend the specification of the method of measure only when different from the one of the MODA-ML coding system</i>
@mime	<p>the mime type of the binary object</p> <ul style="list-style-type: none"> - base type: normalizedString, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/binaryObject/@mime) [Optional]
mimeCode	<p>mime type of the external object</p> <ul style="list-style-type: none"> - base type: normalizedString, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/mimeCode) 0-1
mixMatch	<p>colour hue used for the match of garments</p> <ul style="list-style-type: none"> - base type: string, max length: 15, (XPath TEXQualityRpt/TQbody/TQitem/mixMatch) 0-1

msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXQualityRpt/TQheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml (XPath TEXQualityRpt/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath TEXQualityRpt/TQheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes. - base type: string, max length: 35, (XPath TEXQualityRpt/TQheader/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 TEXQualityRpt/TQheader/note) 0-99 (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/note) 0-99 (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/note) 0-99 (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXQualityRpt/TQheader/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i>
@numberingOrg	code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml (XPath TEXQualityRpt/TQbody/TQitem/mixMatch/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/dyeN/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/note/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQheader/supplier/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXQualityRpt/TQheader/buyer/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXQualityRpt/TQheader/buyer/id/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQheader/supplier/id/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/note/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQheader/thirdParty/id/@numberingOrg) [Optional] (XPath TEXQualityRpt/TQbody/TQitem/texCode/@numberingOrg) [Optional]

	<p>(XPath TEXQualityRpt/TQbody/TQitem/texCode/art/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></p> <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/fileName/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/serialN/@numberingOrg) [Optional] - nota: <i>here the issuer of the serial number must be specified (when different from the Supplier)</i></p> <p>(XPath TEXQualityRpt/TQbody/TQitem/texCode/pattern/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></p> <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i></p> <p>(XPath TEXQualityRpt/TQbody/TQitem/texCode/added/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/season/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/texCode/color/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></p> <p>(XPath TEXQualityRpt/TQheader/note/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/lotN/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/note/@numberingOrg) [Optional]</p> <p>(XPath TEXQualityRpt/TQheader/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i></p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/pieceControl/@numberingOrg) [Optional]</p>
pattern	<p>pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath TEXQualityRpt/TQbody/TQitem/texCode/pattern) 0-1</p>
person	<p>name of the contact person within a Party - base type: string, max length: 40, (XPath TEXQualityRpt/TQheader/supplier/person) 0-1 (XPath TEXQualityRpt/TQheader/buyer/person) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/person) 0-1</p>
@phone	<p>phone number of the contact person within a Party - base type: string, max length: 35, (XPath TEXQualityRpt/TQheader/thirdParty/person/@phone) [Optional] (XPath TEXQualityRpt/TQheader/buyer/person/@phone) [Optional] (XPath TEXQualityRpt/TQheader/supplier/person/@phone) [Optional]</p>
pieceAllow	<p>allowance required or accorded for the piece - base type: decimal, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllow) 1-1 (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/pieceAllow) 0-1 - note: <i>this is the allowance estimated for the fault by the same "source" responsible for the other measurements</i> (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceAllow) 0-1</p>
pieceAllowF	<p>allowance required/accorded for fabric faults - base type: decimal, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllowF) 0-1</p>
pieceAllowM	<p>allowance required/accorded for missing measures - base type: decimal, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllowM) 0-1</p>
pieceControl	<p>code assigned to a fabric piece to specify the type of control required/performed - base type: string, max length: 7, (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/pieceControl) 0-1</p>

pieceCutWidth	effective usable width of the fabric piece (for garment manufacturing) - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceCutWidth) 0-1
pieceLength	length of the piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceLength) 0-1 - note: <i>effective length of the piece (allowance included)</i>
pieceStatus	code used to describe the status of a fabric piece after the control - base type: string, cod. table: T52 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T52.xml (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/pieceStatus) 0-1
pieceWeight	effective total weight of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWeight) 0-1 - note: <i>effective net weight of the piece</i>
pieceWeightM	effective weight per metre of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWeightM) 0-1
pieceWidth	effective width of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWidth) 0-1 - note: <i>effective width of the piece (selvedge included)</i>
postCode	code defining the postal zone - base type: string, max length: 10, (XPath TEXQualityRpt/TQheader/buyer/postCode) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/postCode) 0-1 (XPath TEXQualityRpt/TQheader/supplier/postCode) 0-1
preexaminationDate	date of preexamination (normally of a fabric piece), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/preexaminationDate) 0-1
registrationDate	date of registration (normally of a fabric piece), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/registrationDate) 0-1
@role	Third Party role qualifier - base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml (XPath TEXQualityRpt/TQheader/thirdParty/@role) [Required]
rollUpDate	date of rolling up (normally of a fabric piece), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXQualityRpt/TQbody/TQitem/pieceControlRpt/rollUpDate) 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 TEXQualityRpt/TQbody/TQitem/refDoc/season) 0-1 - note: <i>here indicates the season to which the referenced document belongs</i>
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath TEXQualityRpt/TQheader/thirdParty/@sender) [Optional] - nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXQualityRpt/TQheader/supplier/@sender) [Optional]

	<p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXQualityRpt/TQheader/buyer/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i></p>
serialN	<p>serial number used for the identification of a physical unit</p> <p>- base type: string, max length: 250, (XPath TEXQualityRpt/TQbody/TQitem/serialN) 1-9</p> <p>- note: <i>multiple values of serialN are allowed to provide different representations of the serial identifier of the same tested piece. Several instances of serialN must differ at least by a value of idQualifier or numberingOrg</i></p>
@source	<p>party who has provided the data</p> <p>- base type: string, cod. table: NT12 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/@source) [Required] (XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/@source) [Required] (XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/@source) [Required] (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/@source) [Required]</p>
street	<p>street and building number identifying a location</p> <p>- base type: string, max length: 80, (XPath TEXQualityRpt/TQheader/supplier/street) 0-1 (XPath TEXQualityRpt/TQheader/buyer/street) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/street) 0-1</p>
subCountry	<p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath TEXQualityRpt/TQheader/buyer/subCountry) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/subCountry) 0-1 (XPath TEXQualityRpt/TQheader/supplier/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 TEXQualityRpt/TQheader/supplier/subDept) 0-1 (XPath TEXQualityRpt/TQheader/buyer/subDept) 0-1 (XPath TEXQualityRpt/TQheader/thirdParty/subDept) 0-1</p>
taylorabilityChar	<p>taylorability parameter for fabric</p> <p>- base type: string, cod. table: T14 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T14.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/taylorabilityChar) 1-1</p> <p>- note: <i>here the MODA-ML codelist must be used</i></p>
testDate	<p>date on which the quality test of goods has been made, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <p>- base type: string, (XPath TEXQualityRpt/TQbody/TQitem/testDate) 0-1</p>
totFault	<p>total number of faults: the 1st/2nd digit count the "Large faults", the 3rd/4th the "Medium faults" and the 5th/6th the "Small faults"</p> <p>- base type: positiveInteger, (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/totFault) 1-1</p>
@TQtype	<p>type of Textiles quality report</p> <p>- base type: string, cod. table: NT15 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT15.xml</p> <p>(XPath TEXQualityRpt/@TQtype) [Optional]</p> <p>- nota: <i>this attribute may be used to specify if the report refers to one or to several pieces</i></p>
@uid	<p>unique element identifier within the xml document</p> <p>- base type: string, (XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/@uid) [Optional]</p>

@um	<p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceLength/@um) [Optional] [Default= MTR]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWeight/@um) [Optional] [Default= KGM]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTaylorability/experimValue/@um) [Optional]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/pieceAllow/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllow/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllowF/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/weftEnd/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/warpStart/@um) [Optional] [Default= MTR]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/warpEnd/@um) [Optional] [Default= MTR]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/weftStart/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceAllowMea/pieceAllowM/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWeightM/@um) [Optional] [Default= GRM]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceWidth/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/grossWeight/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceCutWidth/@um) [Optional] [Default= CMT]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMeasures/pieceAllow/@um) [Required]</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceTestRpt/fabricTest/experimValue/@um) [Optional]</p>
uri	<p>Uniform Resource Identifier (URI) that identifies the external object as an Internet resource</p> <p>- base type: normalizedString,</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/refDoc/attachment/externalReference/uri) 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 TEXQualityRpt/@useProfile) [Optional]</p>
@VAT	<p>VAT rate or code (DEPRECATED, use dtScheme element)</p> <p>- base type: string, cod. table: NT16</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml</p> <p>(XPath TEXQualityRpt/TQheader/thirdParty/@VAT) [Optional]</p>
@version	<p>Dictionary version from which the instance has been created</p> <p>- base type: string, cod. table: NT100</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml</p> <p>(XPath TEXQualityRpt/@version) [Optional] [Default= draft]</p>
warpEnd	<p>end point of the fabric fault in the warp direction</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2,</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/warpEnd) 0-1</p>
warpStart	<p>start point of the fabric fault in the warp direction</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2,</p> <p>(XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/warpStart) 1-1</p>

weftEnd	end point of the fabric fault in the weft direction - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/weftEnd) 0-1
weftStart	start point of the fabric fault in the weft direction - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXQualityRpt/TQbody/TQitem/pieceMap/pieceFault/weftStart) 0-1

2.3 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
NT13 - fabric fault category
NT14 - fabric fault shape
NT15 - Textiles Quality Report type
NT16 - VAT rate or code
NT18 - message function
NT2 - third party qualifier
NT29 - format of a date
NT6 - coding system owner/issuer
NT7 - unit of measure
T10 - ISO3166 - Country
T12 - fabric faults
T13 - CFM properties of fabric
T14 - FAST tests
T21 - type of document
T44 - additional code type
T52 - fabric piece status

ACKNOWLEDGEMENT



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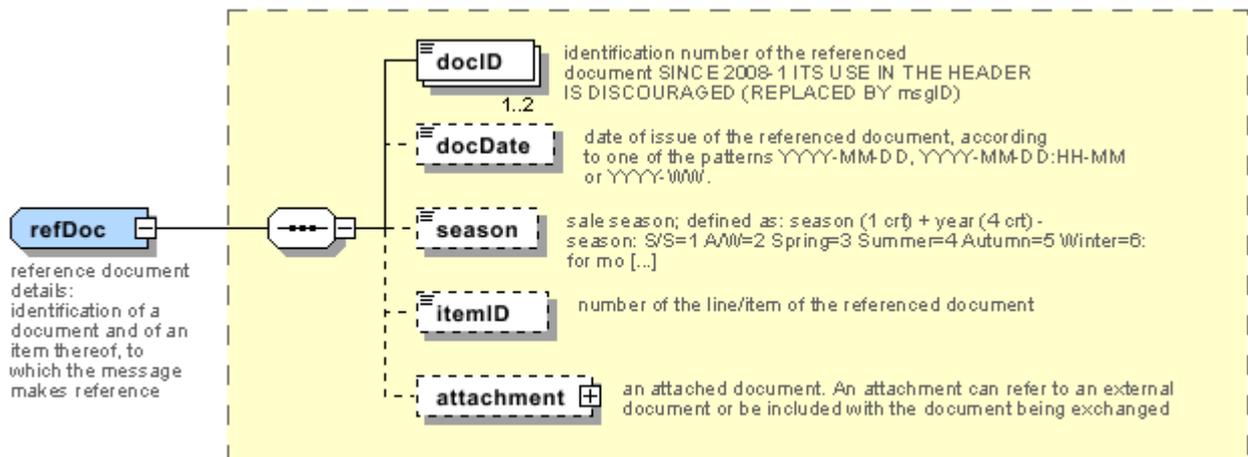
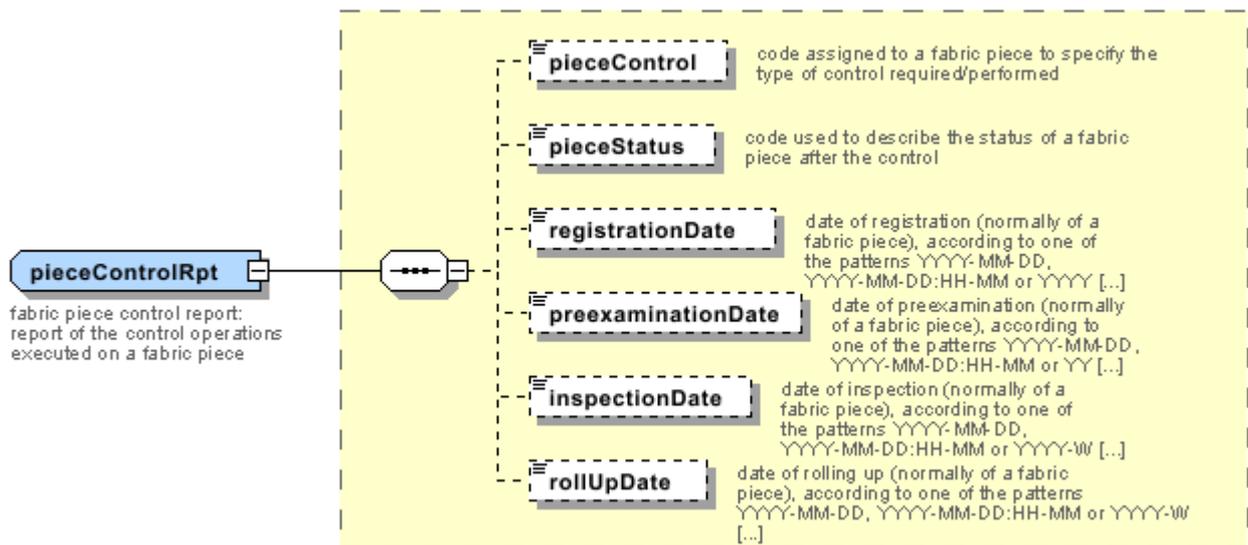
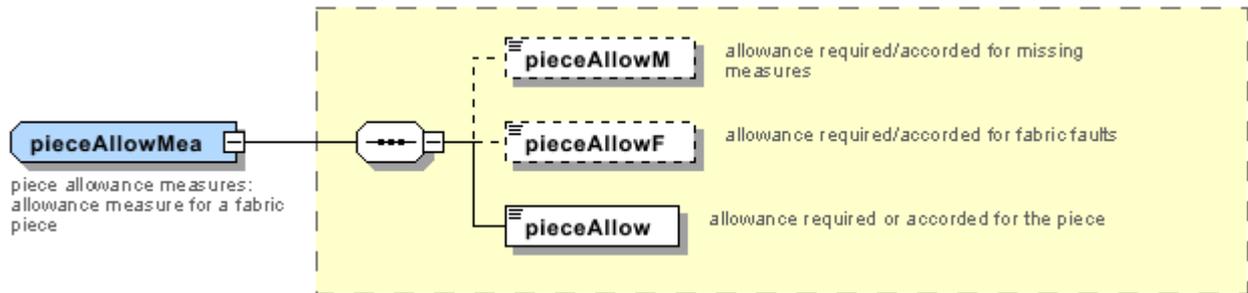
DISCLAIMER

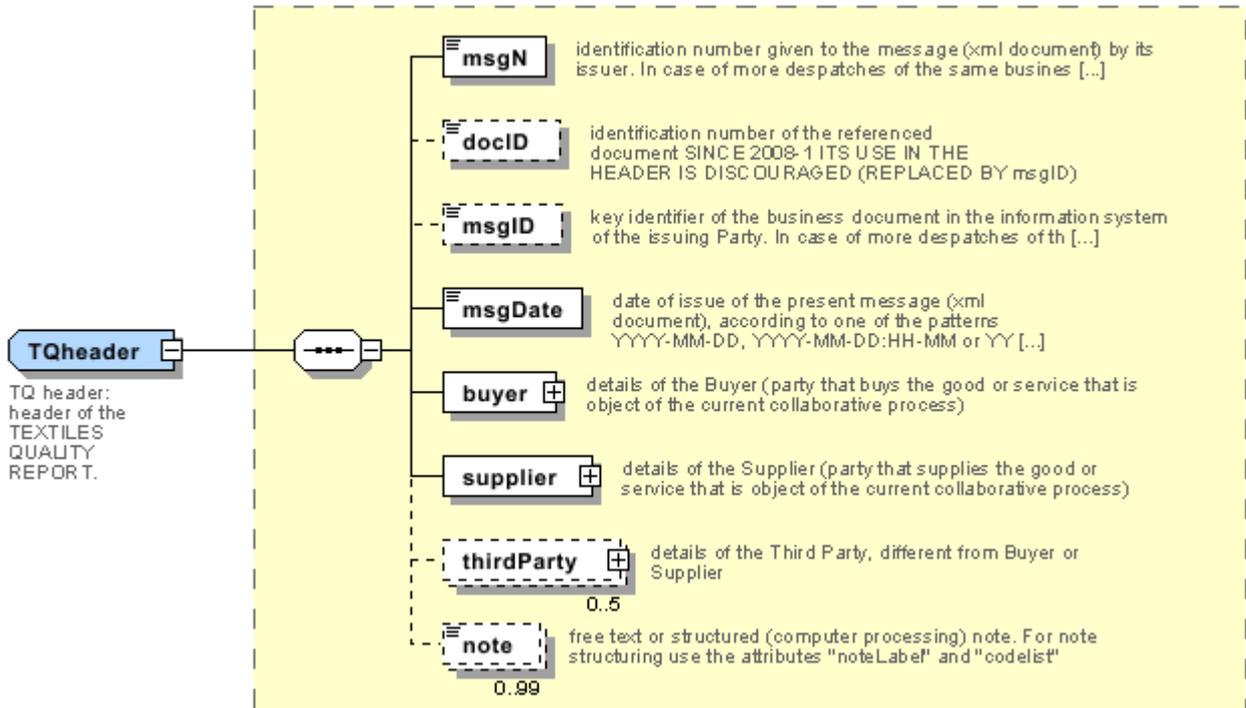
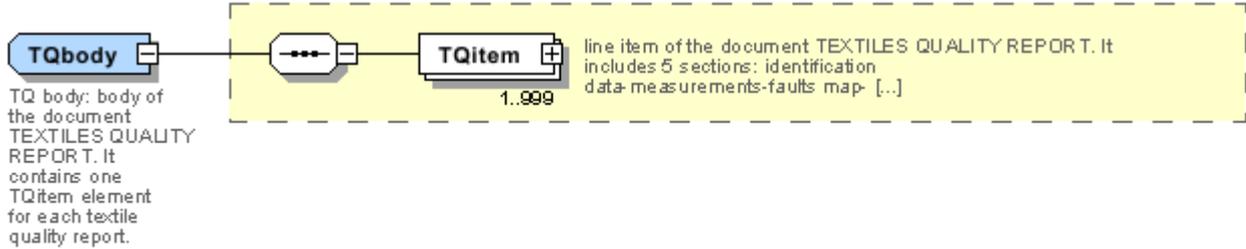
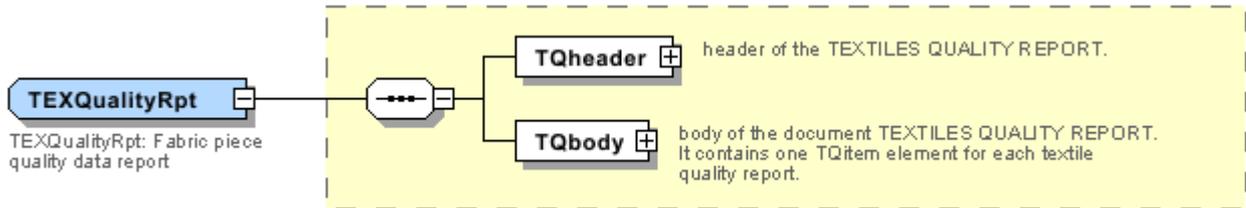
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Annex A

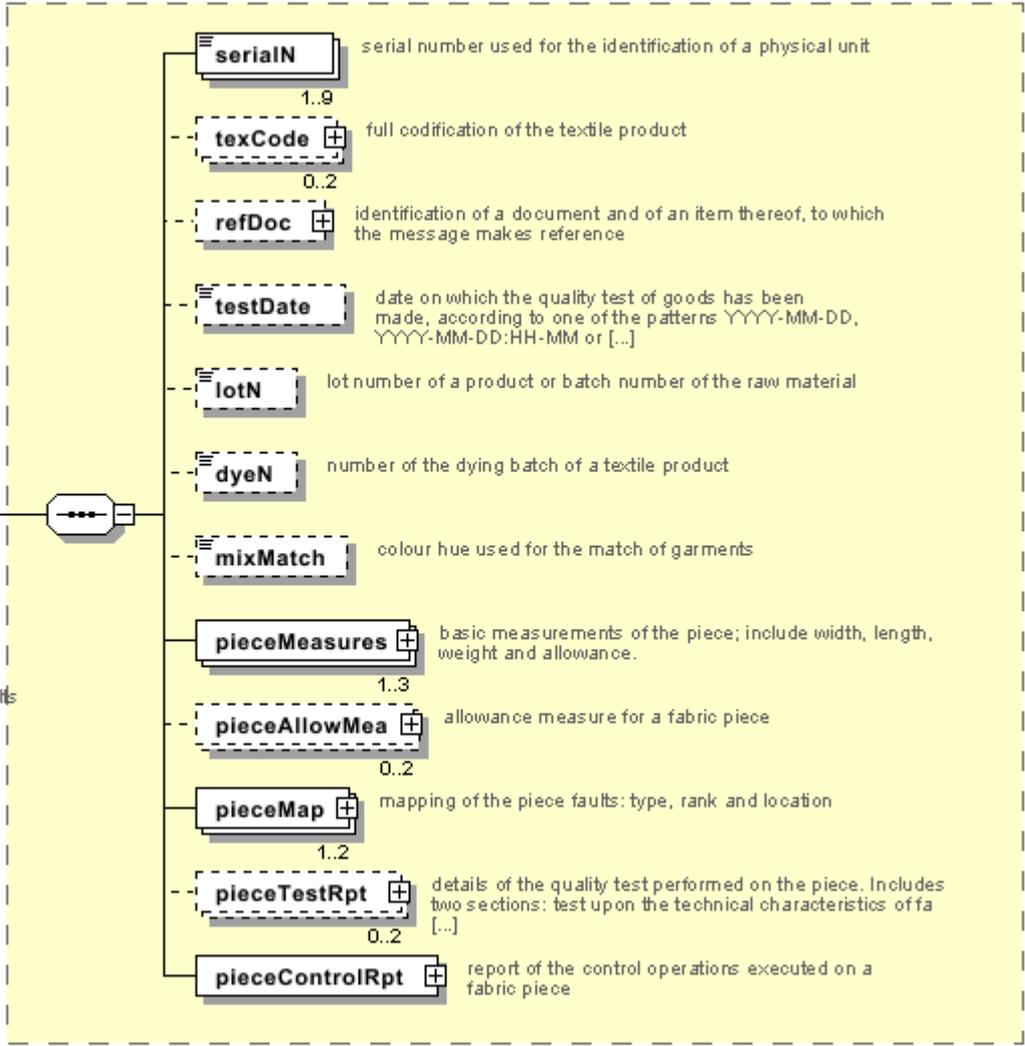
Representative images of the principal complex elements' structure.





TQitem

TQ item: line item of the document TEXTILES QUALITY REPORT. It includes 5 sections: identification data- measurements-faults map- test results- inspection report



Annex B

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

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

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

NT13 - fabric fault category

ranking class of the fabric fault

Agency name: eBIZ

tabella cod.: NT13

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT13.xml

Code	Description	Adoption note	Date of insertion
CL1	class 1		
CL2	class 2		
CL3	class 3		

CL4	class 4		
CL5	class 5		
CL6	class 6		
G	large		
L	small		
M	medium		

NT14 - fabric fault shape

shape classification of the fabric fault

Agency name: eBIZ

tabella cod.: NT14

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT14.xml

Code	Description	Adoption note	Date of insertion
C	continuous		
P	point		
S	stretch		

NT15 - Textiles Quality Report type

type of Textiles quality report

Agency name: eBIZ

tabella cod.: NT15

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT15.xml

Code	Description	Adoption note	Date of insertion
M	multiple		
S	single		

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

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

Code	Description	Adoption note	Date of insertion
CA	delete this document		01/07/2013
CP	copy		
OR	original		
RC	re-transmission for data correction		
RT	re-transmission		

NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

tabella cod.: NT2

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

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
CO	Quality Controller		
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
IM	Importer		
OR	Originator		10/09/2014
SP	Forwarder		
TX	Tax Representative		

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

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

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

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

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

T12 - fabric faults

code specifying the type or class of fabric fault

Agency name: eBIZ

tabella cod.: T12

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T12.xml

Code	Description	Adoption note	Date of insertion
AA			
AA1	warpway thick end		
AA2	weftway thick pick		
AA3	thin end/pick		
AA4	warpway thin end		
AA5	weftway thin pick		
AA6	tight end/pick		
AA7	warpway tight end		
AB	weftway tight pick		
AB1	slack end/pick		
AB2	warpway slack end		
AB3	weftway slack pick		
AB4	missing end/pick		
AB5	warpway missing end		
AB6	weftway missing pick		
AC	knots/slubs		
AE	stripes/bars		
AE1	stripes/bars in the warp		
AE2	stripes/bars in the weft		
AG	bowing		
AG1	bowing in the warp		
AG2	bowing in the weft		
AI	skew		
AJ	difference in tension: body-selvedge		

AK			
AL			
AM	tears,cuts,holes		
AN	abrasions		
AO	faulty mending		
AP	creases		
AQ	disagreeable odour		
AR1	foreign matter (fibres)		
AR3	stains		
AS	variation in shade: weftway		
AT	variation in shade: warpway		
AU	difference in shade (vs. sample)		
AV	difference in look (vs. sample)		
AW	difference in handle (vs. sample)		
AX	asymmetry of design		
AY	irregularity of checks		
AZ			
AZA			

T13 - CFM properties of fabric

code of the physical or mechanical parameter used to define a "technical characteristic of the fabric" (see Fabric technical sheet)

tabella cod.: T13

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T13.xml

Code	Description	Adoption note	Date of insertion
CMA	resistance to pilling (UNI.E.1512434)		
CMB	seam slippage - warp (NFG7117)		
CMC	seam slippage - weft (NFG7117)		
CMD	breaking strength - warp (ISO 1394-1)		
CME	breaking strength - weft (ISO 1394-1)		
CMF	resistance to abrasion (EN 12947)		
CMH	tear strength (ISO 9290)		
CMI	crease recovery (ISO 9867)		
CMJ	elongation - warp (BS 4294/68)		

CMK	elongation - weft (BS 4294/68)		
CML	tear resistance - warp		
CMM	tear resistance - weft		
CMN	resistance to bending		
CMP	spray test		
SLA	colour fastness to light (ISO 105-B02)		
SLB	colour fastness to washing (ISO 105-C06)		
SLC	colour fastness to dry cleaning (ISO 105-D01)		
SLD	colour fastness to spotting water (ISO 105-E07)		
SLG	colour fastness to alkaline perspiration (ISO 105-E04)		
SLH	colour fastness to acid perspiration (ISO 105-E04)		
SLI	colour fastness to dry rubbing (ISO 105-X12)		
SLJ	colour fastness to wet rubbing (ISO 105-X12)		
SLK	colour fastness to dry ironing (ISO 105-X11)		
SLM	colour fastness to wet ironing (ISO 105-X11)		
SLW	colour fastness to water (ISO 105-E01)		
SLX	colour fastness to Xeno-light		
SLZ	colour fastness to rubbing org. Solv. (ISO 105-D02)		
STA	dimensional stability to steaming press - length (DIN 53894-2)		
STB	dimensional stability to steaming press - width (DIN 53894-2)		
STC	dimensional stability to washing - length (ISO 5077+6330)		
STD	dimensional stability to washing - width (ISO 5077+6330)		
STE	dimensional stability to dry cleaning - length (ISO 3175)		
STF	dimensional stability to dry cleaning - width (ISO 3175)		

T14 - FAST tests

taylorability parameter for fabric

tabella cod.: T14

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T14.xml

Code	Description	Adoption note	Date of insertion
A1	press test angle - warpway		
A2	press test angle - weftway		
B1	bending rigidity - warpway		
B2	bending rigidity - weftway		

E1001	extensibility - warpway		
E1002	extensibility - weftway		
F1	formability - warpway		
F2	formability - weftway		
G	shear rigidity		
HE1	hygral expansion - warpway		
HE2	hygral expansion - weftway		
RS1	relaxation shrinkage - warpway		
RS2	relaxation shrinkage - weftway		
ST	surface thickness		
STR	surface thickness released		
T2	thickness		

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

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

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		

T52 - fabric piece status

code used to describe the status of a fabric piece with reference to the control

Agency name: eBIZ

tabella cod.: T52

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T52.xml

Code	Description	Adoption note	Date of insertion
0	first registration		

C	registration from return		
F	stopped		
H	handling		
R	returned		
S	held		
T	deliverable		