

# Circular Economy Ontology Network (CEON) - Textile Module

## Metadata

### IRI

<http://w3id.org/CEON/demo/textile/>

### Title

Circular Economy Ontology Network (CEON) - Textile Module

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### Version Iri

<http://w3id.org/CEON/demo/textile/0.2/>

### Version Info

0.2

### Prior Version

0.1

### Preferred Namespace Prefix

ceon-demo-textile

### Preferred Namespace Uri

<http://w3id.org/CEON/demo/textile/>

### Description

The Textile module of CEON (Circular Economy Ontology Network).

## Classes

Actor Resource Role <sup>c</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/actor/ActorResourceRole">http://w3id.org/CEON/ontology/actor/ActorResourceRole</a>
Named Individuals	<a href="#">brand<sup>ni</sup></a>
Adhesive <sup>c</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/textile/Adhesive">http://w3id.org/CEON/ontology/textile/Adhesive</a>
Sub Class Of	<a href="#">http://w3id.org/CEON/ontology/material/Material</a>

## Assembly Method<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/AssemblyMethod>

**Named Individuals**

[glued\\_assembly<sup>ni</sup>](#)  
[heat\\_bonding\\_assembly<sup>ni</sup>](#)  
[machine\\_assembly<sup>ni</sup>](#)  
[manual\\_assembly<sup>ni</sup>](#)  
[regular\\_stich\\_assembly<sup>ni</sup>](#)  
[stiched\\_with\\_Resortec\\_thermo-dissolvable\\_stitch\\_assembly<sup>ni</sup>](#)

## Batch Of Textile Objects<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/BatchOfTextileObjects>

**Sub Class Of** <http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects>  
hasColor<sup>op</sup> only [Color<sup>C</sup>](#) and hasColor<sup>op</sup> some [Color<sup>C</sup>](#)

## Bio Derived Eva<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/BioDerivedEVA>

**Sub Class Of** <http://w3id.org/CEON/ontology/material/Material>

## Brand Of Resource<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/BrandOfResource>

**Sub Class Of** [actorODP:ResourceRelation](#)

**Equivalentclass** [actorODP:ResourceRelation<sup>C</sup>](#) and [actorODP:participantRole value brand<sup>C</sup>](#)

## Cellulose Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/CelluloseMaterial>

**Sub Class Of** <http://w3id.org/CEON/ontology/material/Material>

## Chemical Compliance<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/ChemicalCompliance>

**Sub Class Of** <http://w3id.org/CEON/ontology/product/Compliance>

**Super Class Of** [GRSCompliance<sup>C</sup>](#)  
[ZDHCCompliance<sup>C</sup>](#)

## Chemical Finishing<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/ChemicalFinishing>

**Sub Class Of** [FinishingProcess<sup>c</sup>](#)

**Named Individuals**

[anti-pilling<sup>ni</sup>](#)  
[antiStaticFinishing<sup>ni</sup>](#)  
[antibacterialFinishing<sup>ni</sup>](#)  
[coating<sup>ni</sup>](#)  
[coatingAcrylic<sup>ni</sup>](#)  
[coatingPU<sup>ni</sup>](#)  
[coatingPVC<sup>ni</sup>](#)  
[creaseResistance<sup>ni</sup>](#)  
[enzymeFinishing<sup>ni</sup>](#)  
[flameRetardant<sup>ni</sup>](#)  
[mattingAgent<sup>ni</sup>](#)  
[millWashing<sup>ni</sup>](#)  
[millingAgent<sup>ni</sup>](#)  
[naturalOiling<sup>ni</sup>](#)  
[opticalBrighteners<sup>ni</sup>](#)  
[permanentPress<sup>ni</sup>](#)  
[prepareForDyeing<sup>ni</sup>](#)  
[resins<sup>ni</sup>](#)  
[silicones<sup>ni</sup>](#)  
[soilRelease<sup>ni</sup>](#)  
[stainResistance<sup>ni</sup>](#)

## Co Polymer Raisin<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/CoPolymerRaisin>

**Sub Class Of** [http://w3id.org/CEON/ontology/material/Material](#)

## Color<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/Color>

**Sub Class Of** [TextileProperty<sup>c</sup>](#)

**In Range Of** [hasColor<sup>op</sup>](#)

**Named Individuals**

[blue<sup>ni</sup>](#)  
[red<sup>ni</sup>](#)  
[yellow<sup>ni</sup>](#)

## Cotton Material<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/CottonMaterial>

**Sub Class Of** [http://w3id.org/CEON/ontology/material/Material](#)

## Disassembly Method C

**IRI** <http://w3id.org/CEON/ontology/textile/DisassemblyMethod>

**Named Individuals**

[cut\\_lining\\_fabric\\_disassembly<sup>ni</sup>](#)  
[cut\\_stitches\\_disassembly<sup>ni</sup>](#)  
[manual\\_disassembly<sup>ni</sup>](#)  
[peel\\_out\\_heel\\_counter\\_disassembly<sup>ni</sup>](#)  
[solvent\\_separation\\_disassembly<sup>ni</sup>](#)

## Double Adhesive Coated Material C

**IRI** <http://w3id.org/CEON/ontology/textile/DoubleAdhesiveCoatedMaterial>

**Sub Class Of** [http://w3id.org/CEON/ontology/material/Material](#)

## Dye Method C

**IRI** <http://w3id.org/CEON/ontology/textile/DyeMethod>

**In Range Of** [hasDyeMethod<sup>op</sup>](#)

**Named Individuals**

[directDyed<sup>ni</sup>](#)  
[dopeDyed<sup>ni</sup>](#)  
[pieceDyed<sup>ni</sup>](#)  
[topDyed<sup>ni</sup>](#)  
[undyed<sup>ni</sup>](#)  
[yarnDyed<sup>ni</sup>](#)

## Dye Stuff C

**IRI** <http://w3id.org/CEON/ontology/textile/DyeStuff>

**Sub Class Of** [http://w3id.org/CEON/ontology/material/Material](#)

**In Range Of** [hasDyeStuff<sup>op</sup>](#)

**Named Individuals**

[acidDye<sup>ni</sup>](#)  
[anilineDye<sup>ni</sup>](#)  
[azoDye<sup>ni</sup>](#)  
[basicDye<sup>ni</sup>](#)  
[chromeDye<sup>ni</sup>](#)  
[directDye<sup>ni</sup>](#)  
[disperseDye<sup>ni</sup>](#)  
[mordantDye<sup>ni</sup>](#)  
[naturalDye<sup>ni</sup>](#)  
[pigmentBiosynthetic<sup>ni</sup>](#)  
[pigmentNatural<sup>ni</sup>](#)  
[pigmentSynthetic<sup>ni</sup>](#)  
[reactiveDye<sup>ni</sup>](#)  
[vatDye<sup>ni</sup>](#)

## Dyeing Process<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/DyeingProcess>

**Sub Class Of**

[TextileProductionProcess<sup>c</sup>](#)

[hasDyeMethod<sup>op</sup>](#) only [DyeMethod<sup>c</sup>](#) *and* [hasDyeMethod<sup>op</sup>](#) some [DyeMethod<sup>c</sup>](#)

[hasDyeStuff<sup>op</sup>](#) only [DyeStuff<sup>c</sup>](#) *and* [hasDyeStuff<sup>op</sup>](#) some [DyeStuff<sup>c</sup>](#)

**In Domain Of**

[hasDyeMethod<sup>op</sup>](#)

## Ethyl Vinyl Acetate Film<sup>c</sup>

**IRI** [http://w3id.org/CEON/ontology/textile/EthylVinylAcetateFil  
m](http://w3id.org/CEON/ontology/textile/EthylVinylAcetateFilm)

**Sub Class Of**

[http://w3id.org/CEON/ontology/material/Material](#)

## Ethyl Vinyl Acetate Resin<sup>c</sup>

**IRI** [http://w3id.org/CEON/ontology/textile/EthylVinylAcetateRes  
in](http://w3id.org/CEON/ontology/textile/EthylVinylAcetateResin)

**Sub Class Of**

[http://w3id.org/CEON/ontology/material/Material](#)

## Fabric Production<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/FabricProduction>

**Sub Class Of**

[TextileProductionProcess<sup>c</sup>](#)

## Finishing Process<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/FinishingProcess>

**Sub Class Of**

[TextileProductionProcess<sup>c</sup>](#)

**In Range Of**

[hasFinishing<sup>op</sup>](#)

[hasFinishingStep<sup>op</sup>](#)

**Super Class Of**

[ChemicalFinishing<sup>c</sup>](#)

[MechanicalFinishing<sup>c</sup>](#)

**Named Individuals**

[AdhesiveFinishing<sup>ni</sup>](#)

[SkivedFinishing<sup>ni</sup>](#)

## Grs Compliance<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/GRSCompliance">http://w3id.org/CEON/ontology/textile/GRSCompliance</a>
<b>Sub Class Of</b>	<a href="#">ChemicalCompliance<sup>c</sup></a>
<b>Equivalentclass</b>	<a href="http://w3id.org/CEON/ontology/product/complianceWith_value_GRS">http://w3id.org/CEON/ontology/product/complianceWith_value_GRS<sup>c</sup></a>

## Inorganic F Iller<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/InorganicFILLer">http://w3id.org/CEON/ontology/textile/InorganicFILLer</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Leather Material<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/LeatherMaterial">http://w3id.org/CEON/ontology/textile/LeatherMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Msds Compliance<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/MSDSCompliance">http://w3id.org/CEON/ontology/textile/MSDSCompliance</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/product/Compliance">http://w3id.org/CEON/ontology/product/Compliance</a>
<b>Equivalentclass</b>	<a href="http://w3id.org/CEON/ontology/product/complianceWith_value_MSDS">http://w3id.org/CEON/ontology/product/complianceWith_value_MSDS<sup>c</sup></a>

## Mechanical Finishing<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/MechanicalFinishing">http://w3id.org/CEON/ontology/textile/MechanicalFinishing</a>
<b>Sub Class Of</b>	<a href="#">FinishingProcess<sup>c</sup></a>
<b>Named Individuals</b>	<a href="#">calendering<sup>ni</sup></a> <a href="#">embossing<sup>ni</sup></a> <a href="#">permanentCreasing<sup>ni</sup></a> <a href="#">pre-shrinking<sup>ni</sup></a> <a href="#">steaming<sup>ni</sup></a> <a href="#">sueding<sup>ni</sup></a>

## Nylon<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/Nylon">http://w3id.org/CEON/ontology/textile/Nylon</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Plastic Material<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/PlasticMaterial">http://w3id.org/CEON/ontology/textile/PlasticMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Polyester<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/Polyester>

**Sub Class Of** <http://w3id.org/CEON/ontology/material/Material>

## Polyester Fibres<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/PolyesterFibres>

**Sub Class Of** <http://w3id.org/CEON/ontology/material/Material>

## Print Method<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/PrintMethod>

**In Range Of** [hasPrintMethod<sup>op</sup>](#)

**Named Individuals**

[batikPrinted<sup>ni</sup>](#)  
[digitalPrinted<sup>ni</sup>](#)  
[handPainted<sup>ni</sup>](#)  
[inkjetPrinted<sup>ni</sup>](#)  
[rollerPrinted<sup>ni</sup>](#)  
[screenPrinted<sup>ni</sup>](#)  
[transferPrinted<sup>ni</sup>](#)

## Print Stuff<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/PrintStuff>

**Sub Class Of** <http://w3id.org/CEON/ontology/material/Material>

**In Range Of** [hasPrintStuff<sup>op</sup>](#)

**Named Individuals**

[acidDye<sup>ni</sup>](#)  
[analineDye<sup>ni</sup>](#)  
[azoDye<sup>ni</sup>](#)  
[basicDye<sup>ni</sup>](#)  
[chromeDye<sup>ni</sup>](#)  
[directDye<sup>ni</sup>](#)  
[disperseDye<sup>ni</sup>](#)  
[mordantDye<sup>ni</sup>](#)  
[naturalDye<sup>ni</sup>](#)  
[pigmentBiosynthetic<sup>ni</sup>](#)  
[pigmentNatural<sup>ni</sup>](#)  
[pigmentSynthetic<sup>ni</sup>](#)  
[reactiveDye<sup>ni</sup>](#)  
[sulfurDye<sup>ni</sup>](#)  
[vatDye<sup>ni</sup>](#)

## Printing Process<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/PrintingProcess">http://w3id.org/CEON/ontology/textile/PrintingProcess</a>
<b>Sub Class Of</b>	<a href="#">TextileProductionProcess<sup>C</sup></a> <a href="#">hasPrintMethod<sup>op</sup></a> only <a href="#">PrintMethod<sup>C</sup></a> <a href="#">and</a> <a href="#">hasPrintMethod<sup>op</sup></a> some <a href="#">PrintMethod<sup>C</sup></a> <a href="#">hasPrintStuff<sup>op</sup></a> only <a href="#">PrintStuff<sup>C</sup></a> <a href="#">and</a> <a href="#">hasPrintStuff<sup>op</sup></a> some <a href="#">PrintStuff<sup>C</sup></a>
<b>In Domain Of</b>	<a href="#">hasPrintMethod<sup>op</sup></a>

## Raw Hide Processing<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/RawHideProcessing">http://w3id.org/CEON/ontology/textile/RawHideProcessing</a>
<b>Sub Class Of</b>	<a href="#">TextileProductionProcess<sup>C</sup></a>

## Raw Material Production<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/RawMaterialProduction">http://w3id.org/CEON/ontology/textile/RawMaterialProduction</a>
<b>Sub Class Of</b>	<a href="#">TextileProductionProcess<sup>C</sup></a>

## Recycled Pes Fibres<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/RecycledPESFibres">http://w3id.org/CEON/ontology/textile/RecycledPESFibres</a>
<b>Sub Class Of</b>	<a href="#">http://w3id.org/CEON/ontology/material/Material</a>

## Recycled Polyester<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/RecycledPolyester">http://w3id.org/CEON/ontology/textile/RecycledPolyester</a>
<b>Sub Class Of</b>	<a href="#">http://w3id.org/CEON/ontology/material/Material</a>

## Rubber<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/Rubber">http://w3id.org/CEON/ontology/textile/Rubber</a>
<b>Sub Class Of</b>	<a href="#">http://w3id.org/CEON/ontology/material/Material</a>

## Single Adhesive Coated Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/SingleAdhesiveCoatedMaterial">http://w3id.org/CEON/ontology/textile/SingleAdhesiveCoatedMaterial</a>
<b>Sub Class Of</b>	<a href="#">http://w3id.org/CEON/ontology/material/Material</a>

## Spinning Process<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/SpinningProcess>

**Sub Class Of** [TextileProductionProcess<sup>c</sup>](#)

## Styrene Butadiene Latex<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/StyreneButadieneLatex>

**Sub Class Of** [http://w3id.org/CEON/ontology/material/Material](#)

## Textile Chemical Substance Threshold Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileChemicalSubstanceThresholdStatement>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/DisclosedChemicalSubstanceStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

**In Domain Of** [disclosureValue<sup>op</sup>](#)

## Textile Data Sheet<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileDataSheet>

**Sub Class Of** [http://w3id.org/CEON/ontology/datasheet/DataSheet](#)

**Restriction** <http://w3id.org/CEON/ontology/resourceODP/isAbout> some [TextileDataSheet<sup>c</sup>](#)  
<http://w3id.org/CEON/ontology/resourceODP/hasProperty><sup>op</sup> some [TextileDataSheet<sup>c</sup>](#)

## Textile Data Sheet Issuing Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileDataSheetIssuingStatement>

**Sub Class Of** [TextileDataSheetStatement<sup>c</sup>](#)

## Textile Data Sheet Statement<sup>c</sup>

**IRI**

<http://w3id.org/CEON/ontology/textile/TextileDataSheetStatement>

**Sub Class Of**

[TextileDataSheetStatement](#)

**Super Class Of**

[TextileChemicalSubstanceThresholdStatement<sup>c</sup>](#)  
[TextileDataSheetIssuingStatement<sup>c</sup>](#)  
[TextileDataSheetUpdateStatement<sup>c</sup>](#)  
[TextileManufacturerStatement<sup>c</sup>](#)  
[TextileManufacturingSiteStatement<sup>c</sup>](#)  
[TextilePostConsumerRecycledCompositionStatement<sup>c</sup>](#)  
[TextilePostConsumerRecycledContentWeightStatement<sup>c</sup>](#)  
[TextilePreConsumerRecycledCompositionStatement<sup>c</sup>](#)  
[TextilePreConsumerRecycledContentWeightStatement<sup>c</sup>](#)  
[TextileProductCertification<sup>c</sup>](#)  
[TextileProductComponentStatement<sup>c</sup>](#)  
[TextileProductCompositionDisclosureStatement<sup>c</sup>](#)  
[TextileProductCompositionOfConcern<sup>c</sup>](#)  
[TextileProductCompositionWeightFraction<sup>c</sup>](#)  
[TextileProductDataSheet<sup>c</sup>](#)  
[TextileProductDesignForDisassembly<sup>c</sup>](#)  
[TextileProductDesignForDismantling<sup>c</sup>](#)  
[TextileProductDesignForRecycling<sup>c</sup>](#)  
[TextileProductDesignForRefurbishment<sup>c</sup>](#)  
[TextileProductDesignForRemanufacturing<sup>c</sup>](#)  
[TextileProductDesignForReuseMethod<sup>c</sup>](#)  
[TextileProductDesignedForBetterUse<sup>c</sup>](#)  
[TextileProductManufacturingMethod<sup>c</sup>](#)  
[TextileProductRenewableContent<sup>c</sup>](#)

## Textile Data Sheet Update Statement<sup>c</sup>

**IRI**

<http://w3id.org/CEON/ontology/textile/TextileDataSheetUpdateStatement>

**Sub Class Of**

[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Manufacturer Statement<sup>c</sup>

**IRI**

<http://w3id.org/CEON/ontology/textile/TextileManufacturersStatement>

**Sub Class Of**

[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Manufacturing Site Statement<sup>c</sup>

**IRI**

<http://w3id.org/CEON/ontology/textile/TextileManufacturingSiteStatement>

**Sub Class Of**

[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Post Consumer Recycled Composition Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextilePostConsumerRecycledCompositionStatement>

**Sub Class Of** [TextileDataSheetStatement<sup>c</sup>](#)

## Textile Post Consumer Recycled Content Weight Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextilePostConsumerRecycledContentWeightStatement>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/MFOfPostConsumerRecycledMaterialContentStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Pre Consumer Recycled Composition Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextilePreConsumerRecycledCompositionStatement>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Pre Consumer Recycled Content Weight Statement<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextilePreConsumerRecycledContentWeightStatement>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/MFOfPreConsumerRecycledMaterialContentStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Product<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProduct>

**Sub Class Of** [http://w3id.org/CEON/ontology/product/Product](#)  
[hasColor<sup>op</sup>](#) some [Color<sup>c</sup>](#) *and* [hasColor<sup>op</sup>](#) only [Color<sup>c</sup>](#)  
[hasOrigin<sup>op</sup>](#) some [TextileProductOrigin<sup>c</sup>](#) *and* [hasOrigin<sup>op</sup>](#) only  
[TextileProductOrigin<sup>c</sup>](#)  
[hasTextileProductType<sup>op</sup>](#) some [TextileProductType<sup>c</sup>](#) *and* [hasTextileProductType<sup>op</sup>](#) only [TextileProductType<sup>c</sup>](#)

**In Domain Of** [hasTextileProductType<sup>op</sup>](#)  
[hasTextileProductionProcess<sup>op</sup>](#)

## Textile Product Certification<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductCertification">http://w3id.org/CEON/ontology/textile/TextileProductCertification</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Component Relation<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductComponentRelation">http://w3id.org/CEON/ontology/textile/TextileProductComponentRelation</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="#">actorODP:ResourceParticipation</a> <a href="#">actorODP:participatingSubject some TextileProduct<sup>c</sup> and</a> <a href="#">actorODP:participatingObject some</a> <a href="http://w3id.org/CEON/ontology/resourceODP/Constituent">http://w3id.org/CEON/ontology/resourceODP/Constituent</a>
<b>In Domain Of</b>	<a href="#">hasTextileProductComponentValue<sup>op</sup></a>
<b>Restriction</b>	<a href="#">hasTextileProductComponentValue<sup>op</sup> max 1</a> <a href="#">TextileProductComponentRelation<sup>c</sup></a>

## Textile Product Component Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductComponentStatement">http://w3id.org/CEON/ontology/textile/TextileProductComponentStatement</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a> <a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> max 1 <a href="#">TextileProductComponentRelation<sup>c</sup> or</a> <a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> max 1 <a href="#">TextileProductMatterCompositionRelation<sup>c</sup></a>

## Textile Product Component Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductComponentValue">http://w3id.org/CEON/ontology/textile/TextileProductComponentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="#">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup> and <a href="http://qudt.org/schema/qudt/numericalValue">http://qudt.org/schema/qudt/numericalValue</a> <sup>dp</sup> some <a href="nf6226c3175024397a3d0f1a236174f92b70">nf6226c3175024397a3d0f1a236174f92b70</a> <sup>c</sup>
<b>In Range Of</b>	<a href="#">hasTextileProductComponentValue<sup>op</sup></a>

## Textile Product Composition Disclosure Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductCompositionDisclosureStatement">http://w3id.org/CEON/ontology/textile/TextileProductCompositionDisclosureStatement</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement">http://w3id.org/CEON/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement</a> <a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Composition Of Concern<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductCompositionOfConcern>

**Sub Class Of** [TextileDataSheetStatement<sup>c</sup>](#)

## Textile Product Composition Weight Fraction<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductCompositionWeightFraction>

**Sub Class Of** [TextileDataSheetStatement<sup>c</sup>](#)

## Textile Product Data Sheet<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductDataSheet>

**Sub Class Of** [TextileDataSheetStatement<sup>c</sup>](#)

## Textile Product Design For Disassembly<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductDesignForDisassembly>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/DisassemblyStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

**In Domain Of** [designedForUsingReversibleConnector<sup>dp</sup>](#)

**Super Class Of** [TextileProductDesignToBeCleanlyRemoved<sup>c</sup>](#)  
[TextileProductDesignToBeDismantled<sup>c</sup>](#)

## Textile Product Design For Dismantling<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductDesignForDismantling>

**Sub Class Of** [http://w3id.org/CEON/ontology/statement/DismantlingStatement](#)  
[TextileDataSheetStatement<sup>c</sup>](#)

## Textile Product Design For Recycling<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignForRecycling">http://w3id.org/CEON/ontology/textile/TextileProductDesignForRecycling</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/statement/RecyclingStatement">http://w3id.org/CEON/ontology/statement/RecyclingStatement</a> <a href="#">TextileDataSheetStatement<sup>c</sup></a>
<b>In Range Of</b>	<a href="#">desinged for recycling at the same level of quality<sup>op</sup></a>
<b>Restriction</b>	<a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> some <a href="#">TextileProductDesignForRecycling<sup>c</sup></a> <a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> some <a href="#">TextileProductDesignForRecycling<sup>c</sup></a>

## Textile Product Design For Refurbishment<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignForRefurbishment">http://w3id.org/CEON/ontology/textile/TextileProductDesignForRefurbishment</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Design For Remanufacturing<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignForRemanufacturing">http://w3id.org/CEON/ontology/textile/TextileProductDesignForRemanufacturing</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Design For Reuse Method<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignForReuseMethod">http://w3id.org/CEON/ontology/textile/TextileProductDesignForReuseMethod</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Design To Be Cleanly Removed<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignToBeCleanlyRemoved">http://w3id.org/CEON/ontology/textile/TextileProductDesignToBeCleanlyRemoved</a>
<b>Sub Class Of</b>	<a href="#">TextileProductDesignForDisassembly<sup>c</sup></a>

## Textile Product Design To Be Dismantled<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignToBeDismantled">http://w3id.org/CEON/ontology/textile/TextileProductDesignToBeDismantled</a>
<b>Sub Class Of</b>	<a href="#">TextileProductDesignForDisassembly<sup>c</sup></a>

## Textile Product Designed For Better Use <sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductDesignedForBetterUse">http://w3id.org/CEON/ontology/textile/TextileProductDesignedForBetterUse</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">designForBetterUse<sup>dp</sup></a>

## Textile Product Manufacturing Method

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductManufacturingMethod">http://w3id.org/CEON/ontology/textile/TextileProductManufacturingMethod</a>
<b>Sub Class Of</b>	<a href="#">TextileDataSheetStatement<sup>c</sup></a>

## Textile Product Matter Composition Relation

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductMatterCompositionRelation">http://w3id.org/CEON/ontology/textile/TextileProductMatterCompositionRelation</a>
<b>Sub Class Of</b>	<a href="#">http://qudt.org/schema/qudt/Quantity</a> <a href="#">actorODP:ResourceParticipation</a> <a href="#">actorODP:participatingObject</a> some <a href="#">http://w3id.org/CEON/ontology/resourceODP/Matter<sup>c</sup></a> and <a href="#">actorODP:participatingSubject</a> some <a href="#">nf6226c3175024397a3d0f1a236174f92b83<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasTextileProductMatterCompositionValue<sup>op</sup></a>
<b>Restriction</b>	<a href="#">hasTextileProductMatterCompositionValue<sup>op</sup></a> <i>max 1</i> <a href="#">TextileProductMatterCompositionRelation<sup>c</sup></a>

## Textile Product Matter Composition Value

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductMatterCompositionValue">http://w3id.org/CEON/ontology/textile/TextileProductMatterCompositionValue</a>
<b>Sub Class Of</b>	<a href="#">http://qudt.org/schema/qudt/QuantityValue</a> <a href="#">http://qudt.org/schema/qudt/hasUnit</a> some <a href="#">http://qudt.org/schema/qudt/Unit<sup>c</sup></a> and <a href="#">http://qudt.org/schema/qudt/numericalValue<sup>dp</sup></a> some <a href="#">nf6226c3175024397a3d0f1a236174f92b92<sup>c</sup></a>
<b>In Range Of</b>	<a href="#">hasTextileProductMatterCompositionValue<sup>op</sup></a>

## Textile Product Object

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductObject">http://w3id.org/CEON/ontology/textile/TextileProductObject</a>
<b>Sub Class Of</b>	<a href="#">http://w3id.org/CEON/ontology/product/Item</a> <a href="#">hasColor<sup>op</sup></a> some <a href="#">Color<sup>c</sup></a> and <a href="#">hasColor<sup>op</sup></a> only <a href="#">Color<sup>c</sup></a>

## Textile Product Origin<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductOrigin">http://w3id.org/CEON/ontology/textile/TextileProductOrigin</a>
<b>In Range Of</b>	<a href="#">hasOrigin<sup>op</sup></a>
<b>Named Individuals</b>	<a href="#">original<sup>ni</sup></a> <a href="#">recycled<sup>ni</sup></a> <a href="#">reused<sup>ni</sup></a>

## Textile Product Recycled Content<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductRecycledContent">http://w3id.org/CEON/ontology/textile/TextileProductRecycledContent</a>
<b>Sub Class Of</b>	<a href="#">http://qudt.org/schema/qudt/Quantity</a> <a href="#">actorODP:ResourceParticipation</a>
<b>In Domain Of</b>	<a href="#">containsHazardousSubstanceAbove0.1ForPostConsumerRecycledContent<sup>dp</sup></a> <a href="#">containsHazardousSubstanceAbove0.1ForPreConsumerRecycledContent<sup>dp</sup></a>
<b>Restriction</b>	<a href="#">hasTextileProductRecycledContentValue<sup>op</sup></a> <i>max 1</i> <a href="#">TextileProductRecycledContent<sup>c</sup></a>

## Textile Product Recycled Content Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductRecycledContentValue">http://w3id.org/CEON/ontology/textile/TextileProductRecycledContentValue</a>
<b>Sub Class Of</b>	<a href="#">http://qudt.org/schema/qudt/QuantityValue</a> <a href="#">http://qudt.org/schema/qudt/numericalValue<sup>dp</sup></a> some <a href="#">nf6226c3175024397a3d0f1a236174f92b106<sup>c</sup></a> <i>and</i> <a href="#">http://qudt.org/schema/qudt/hasUnit</a> some <a href="#">http://qudt.org/schema/qudt/Unit<sup>c</sup></a>
<b>In Range Of</b>	<a href="#">hasTextileProductRecycledContentValue<sup>op</sup></a>

## Textile Product Renewable Content<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductRenewableContent">http://w3id.org/CEON/ontology/textile/TextileProductRenewableContent</a>
<b>Sub Class Of</b>	<a href="#">http://qudt.org/schema/qudt/Quantity</a> <a href="#">actorODP:ResourceParticipation</a>
<b>In Domain Of</b>	<a href="#">renewableContentManagedInSustainableWay<sup>dp</sup></a>
<b>Restriction</b>	<a href="#">hasTextileProductRenewableContentValue<sup>op</sup></a> <i>max 1</i> <a href="#">TextileProductRenewableContent<sup>c</sup></a>

## Textile Product Renewable Content Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductRenewableContentValue">http://w3id.org/CEON/ontology/textile/TextileProductRenewableContentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/numericalValue">http://qudt.org/schema/qudt/numericalValue</a> <sup>dp</sup> some <a href="http://w3id.org/ontology/CEON/nf6226c3175024397a3d0f1a236174f92b115">nf6226c3175024397a3d0f1a236174f92b115</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="http://w3id.org/ontology/CEON/hasTextileProductRenewableContentValue">hasTextileProductRenewableContentValue</a> <sup>op</sup>

## Textile Product Renewable Contet<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductRenewableContet">http://w3id.org/CEON/ontology/textile/TextileProductRenewableContet</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/statement/MassFractionOfRenewableMaterialStatement">http://w3id.org/CEON/ontology/statement/MassFractionOfRenewableMaterialStatement</a> <a href="http://w3id.org/ontology/CEON/TextileDataSheetStatement">TextileDataSheetStatement</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> some <a href="http://w3id.org/CEON/ontology/statement/TextileProductRenewableContet">TextileProductRenewableContet</a> <sup>C</sup> <a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a> some <a href="http://w3id.org/CEON/ontology/statement/TextileProductRenewableContet">TextileProductRenewableContet</a> <sup>C</sup>

## Textile Product To Leakage Statement<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileProductToLeakageStatement">http://w3id.org/CEON/ontology/textile/TextileProductToLeakageStatement</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement">http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement</a> <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/ontology/statement/25gt-50le">http://w3id.org/CEON/ontology/statement/25gt-50le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/demo/textile/0ge-1le">http://w3id.org/CEON/demo/textile/0ge-1le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/ontology/statement/75gt-95le">http://w3id.org/CEON/ontology/statement/75gt-95le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/demo/textile/1gt-10le">http://w3id.org/CEON/demo/textile/1gt-10le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/ontology/statement/50gt-75le">http://w3id.org/CEON/ontology/statement/50gt-75le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/demo/textile/10gt-25le">http://w3id.org/CEON/demo/textile/10gt-25le</a> <sup>C</sup> or <a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup> value <a href="http://w3id.org/CEON/demo/textile/95gt-100le">http://w3id.org/CEON/demo/textile/95gt-100le</a> <sup>C</sup>
<b>In Domain Of</b>	<a href="http://w3id.org/CEON/ontology/statement/hasFractionOfProductToLeakageDuringUse">hasFractionOfProductToLeakageDuringUse</a> <sup>op</sup>

## Textile Product Type

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductType>

**In Range Of** [hasTextileProductType<sup>op</sup>](#)

**Named Individuals**

[heel](#) [counter](#) [toe](#) [puff](#) [area<sup>ni</sup>](#)  
[insole<sup>ni</sup>](#)  
[laces<sup>ni</sup>](#)  
[midsole<sup>ni</sup>](#)  
[outsole<sup>ni</sup>](#)  
[rubber](#) [layer<sup>ni</sup>](#)  
[shoe<sup>ni</sup>](#)  
[sole<sup>ni</sup>](#)  
[upper](#) [part](#) [fabric<sup>ni</sup>](#)  
[upper](#) [shoe](#) [component<sup>ni</sup>](#)

## Textile Product Virgin Content Value

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductVirginContentValue>

**Sub Class Of** <http://qudt.org/schema/qudt/QuantityValue>

## Textile Production Process

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProductionProcess>

**Sub Class Of** <http://w3id.org/CEON/ontology/processODP/Process>

**In Range Of** [hasTextileProductionProcess<sup>op</sup>](#)

**Super Class Of**

[DyeingProcess<sup>c</sup>](#)  
[FabricProduction<sup>c</sup>](#)  
[FinishingProcess<sup>c</sup>](#)  
[PrintingProcess<sup>c</sup>](#)  
[RawHideProcessing<sup>c</sup>](#)  
[RawMaterialProduction<sup>c</sup>](#)  
[SpinningProcess<sup>c</sup>](#)  
[TrimProduction<sup>c</sup>](#)

## Textile Property

**IRI** <http://w3id.org/CEON/ontology/textile/TextileProperty>

**Sub Class Of** <http://w3id.org/CEON/ontology/resourceODP/ResourceProperty>

**Super Class Of**

[Color<sup>c</sup>](#)  
[WaterProperty<sup>c</sup>](#)

## Textile Recycling Process<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TextileRecyclingProcess">http://w3id.org/CEON/ontology/textile/TextileRecyclingProcess</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/processODP/Process">http://w3id.org/CEON/ontology/processODP/Process</a>
<b>Named Individuals</b>	<a href="#">biodegradation<sup>ni</sup></a> <a href="#">biosphere Cascading<sup>ni</sup></a> <a href="#">home Composting<sup>ni</sup></a> <a href="#">incineration<sup>ni</sup></a> <a href="#">industrial Composting<sup>ni</sup></a>

## Trim Production<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/TrimProduction">http://w3id.org/CEON/ontology/textile/TrimProduction</a>
<b>Sub Class Of</b>	<a href="#">TextileProductionProcess<sup>c</sup></a>

## Water Property<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/WaterProperty">http://w3id.org/CEON/ontology/textile/WaterProperty</a>
<b>Sub Class Of</b>	<a href="#">TextileProperty<sup>c</sup></a>
<b>In Range Of</b>	<a href="#">hasWaterProperty<sup>op</sup></a>
<b>Named Individuals</b>	<a href="#">Water repellent<sup>hi</sup></a> <a href="#">Water resistant<sup>hi</sup></a> <a href="#">Waterproof<sup>hi</sup></a>

## Zdhc Compliance<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/ZDHCCompliance">http://w3id.org/CEON/ontology/textile/ZDHCCompliance</a>
<b>Sub Class Of</b>	<a href="#">ChemicalCompliance<sup>c</sup></a>
<b>Equivalentclass</b>	<a href="#">http://w3id.org/CEON/ontology/product/complianceWith</a> value <a href="#">ZDHC<sup>c</sup></a>

## Object Properties

### associated process for property<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/associatedProcessForProperty">http://w3id.org/CEON/ontology/textile/associatedProcessForProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/processODP/Process">http://w3id.org/CEON/ontology/processODP/Process</a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>

## object value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#objectValue>

**Sub Property Of**

- [disclosureValue<sup>op</sup>](#)
- [recyclingAtSameQualityRange<sup>op</sup>](#)

## anticipated leakage during use<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/anticipatedLeakageDuringUse>

**Description**

Percentage of the product content anticipated to become leakage during the use phase due to for example wear & tear, oxidation, erosion, etc.

**Sub Property Of**

[hasProperty<sup>op</sup>](#)

## desinged for recycling at the same level of quality<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designedForRecyclingAtSameQuality>

**Description**

Percentage of the product that is designed for recycling at the same level of quality. The remainder of the materials is foreseen by the manufacturer to be recycled at a lower quality than the original content.

**Sub Property Of**

[http://qudt.org/schema/qudt/quantityValue](#)

**Range**

[TextileProductDesignForRecycling<sup>c</sup>](#)

## disclosure value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/disclosureValue>

**Sub Property Of**

[http://w3id.org/CEON/ontology/quantity#objectValue<sup>op</sup>](#)

**Domain**

[TextileChemicalSubstanceThresholdStatement<sup>c</sup>](#)

## has assembly method<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasAssemblyMethod>

## has color<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasColor>

**Sub Property Of**

[hasProperty<sup>op</sup>](#)

**Domain**

[http://w3id.org/CEON/ontology/product/Item<sup>c</sup>](#) or  
[http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects<sup>c</sup>](#) or  
[http://w3id.org/CEON/ontology/product/Product<sup>c</sup>](#)

**Range**

[Color<sup>c</sup>](#)

has disassembly method<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasDisassemblyMethod>

has dye method<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasDyeMethod>

**Sub Property Of** [topObjectProperty<sup>op</sup>](#)

**Domain** [DyeingProcess<sup>c</sup>](#)

**Range** [DyeMethod<sup>c</sup>](#)

has dye stuff<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasDyeStuff>

**Sub Property Of** [hasProperty<sup>op</sup>](#)

**Range** [DyeStuff<sup>c</sup>](#)

has finishing<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasFinishing>

**Sub Property Of** [hasProperty<sup>op</sup>](#)

**Range** [FinishingProcess<sup>c</sup>](#)

has finishing step<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasFinishingStep>

**Sub Property Of** [hasTextileProductionProcess<sup>op</sup>](#)

**Range** [FinishingProcess<sup>c</sup>](#)

has fraction of product to leakage during use<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasFractionOfProductToLeakageDuringUse>

**Sub Property Of** [http://w3id.org/CEON/ontology/statement/hasQuantityInterval](#)

**Domain** [TextileProductToLeakageStatement<sup>c</sup>](#)

**Range** [http://w3id.org/CEON/ontology/quantity/#QuantityInterval](#)

## has origin<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasOrigin>

**Domain** [TextileProductObject<sup>c</sup>](#) or [TextileProduct<sup>c</sup>](#)

**Range** [TextileProductOrigin<sup>c</sup>](#)

## has post consumer recycled content amount<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasPostConsumerRecycledContentAmount>

**Sub Property Of** [http://w3id.org/CEON/ontology/product/hasComposition](#)

## has pre consumer recycled content amount<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasPreConsumerRecycledContentAmount>

**Sub Property Of** [http://w3id.org/CEON/ontology/product/hasComposition](#)

## Print Finishing<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasPrintFinishing>

**Sub Property Of** [hasProperty<sup>op</sup>](#)

## has print method<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasPrintMethod>

**Sub Property Of** [topObjectProperty<sup>op</sup>](#)

**Domain** [PrintingProcess<sup>c</sup>](#)

**Range** [PrintMethod<sup>c</sup>](#)

## has print stuff<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasPrintStuff>

**Sub Property Of** [hasProperty<sup>op</sup>](#)

**Range** [PrintStuff<sup>c</sup>](#)

## has property<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasProperty>

### Sub Property Of

- [anticipatedLeakageDuringUse<sup>op</sup>](#)
- [hasColor<sup>op</sup>](#)
- [hasDyeStuff<sup>op</sup>](#)
- [hasFinishing<sup>op</sup>](#)
- [Print Finishing<sup>op</sup>](#)
- [hasPrintStuff<sup>op</sup>](#)
- [hasWaterProperty<sup>op</sup>](#)

## has textile product component value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasTextileProductComponentValue>

**Sub Property Of** <http://qudt.org/schema/qudt/quantityValue>

**Domain** [TextileProductComponentRelation<sup>c</sup>](#)

**Range** [TextileProductComponentValue<sup>c</sup>](#)

## has textile product matter composition value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasTextileProductMatterCompositionValue>

**Sub Property Of** <http://qudt.org/schema/qudt/quantityValue>

**Domain** [TextileProductMatterCompositionRelation<sup>c</sup>](#)

**Range** [TextileProductMatterCompositionValue<sup>c</sup>](#)

## has textile product recycled content value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasTextileProductRecycledContentValue>

**Sub Property Of** <http://qudt.org/schema/qudt/quantityValue>

**Range** [TextileProductRecycledContentValue<sup>c</sup>](#)

## has textile product renewable content value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasTextileProductRenewableContentValue>

**Sub Property Of** <http://qudt.org/schema/qudt/quantityValue>

**Range** [TextileProductRenewableContentValue<sup>c</sup>](#)

## has textile product type<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasTextileProductType">http://w3id.org/CEON/ontology/textile/hasTextileProductType</a>
<b>Domain</b>	<a href="#">TextileProduct</a> <sup>c</sup>
<b>Range</b>	<a href="#">TextileProductType</a> <sup>c</sup>

## has textile production process<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasTextileProductionProcess">http://w3id.org/CEON/ontology/textile/hasTextileProductionProcess</a>
<b>Super Property Of</b>	<a href="#">hasFinishingStep</a> <sup>op</sup>
<b>Domain</b>	<a href="#">TextileProduct</a> <sup>c</sup>
<b>Range</b>	<a href="#">TextileProductionProcess</a> <sup>c</sup>

## has water property<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasWaterProperty">http://w3id.org/CEON/ontology/textile/hasWaterProperty</a>
<b>Sub Property Of</b>	<a href="#">hasProperty</a> <sup>op</sup>
<b>Range</b>	<a href="#">WaterProperty</a> <sup>c</sup>

## product composition disclosure availability<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/productCompositionDisclosureAvailability">http://w3id.org/CEON/ontology/textile/productCompositionDisclosureAvailability</a>
<b>Range</b>	<a href="#">http://w3id.org/CEON/ontology/statement/Availability</a>

## product composition disclosure validation<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/productCompositionDisclosureValidation">http://w3id.org/CEON/ontology/textile/productCompositionDisclosureValidation</a>
<b>Range</b>	<a href="#">http://w3id.org/CEON/ontology/statement/Validation</a>

## recycling at same quality range<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/recyclingAtSameQualityRange">http://w3id.org/CEON/ontology/textile/recyclingAtSameQualityRange</a>
<b>Sub Property Of</b>	<a href="#">http://w3id.org/CEON/ontology/quantity#objectValue</a> <sup>op</sup>

## textile product design for recycling<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/textileProductDesignForRecycling">http://w3id.org/CEON/ontology/textile/textileProductDesignForRecycling</a>
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## Datatype Properties

numerical value <sup>dp</sup>	
<b>IRI</b>	<a href="http://qudt.org/schema/qudt/numericalValue">http://qudt.org/schema/qudt/numericalValue</a>
available information <sup>dp</sup>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/availableInformation">http://w3id.org/CEON/ontology/textile/availableInformation</a>
<b>Super Property Of</b>	<ul style="list-style-type: none"><li><a href="#">biodegradabilityTestAvailable</a><sup>dp</sup></li><li><a href="#">isMaterialSafetyDataSheetForDyeingAvailable</a><sup>dp</sup></li><li><a href="#">isMaterialSafetyDataSheetForFinishingAvailable</a><sup>dp</sup></li><li><a href="#">isMaterialSafetyDataSheetForProductAvailable</a><sup>dp</sup></li><li><a href="#">isTechnicalDataSheetAvailable</a><sup>dp</sup></li></ul>
biodegradability test available <sup>dp</sup>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/biodegradabilityTestAvailable">http://w3id.org/CEON/ontology/textile/biodegradabilityTestAvailable</a>
<b>Description</b>	Biodegradability test is available.
<b>Sub Property Of</b>	<a href="#">availableInformation</a> <sup>dp</sup>
<b>Range</b>	<a href="#">xsd:boolean</a>
contains hazardous substance above0.1for post consumer recycled content <sup>dp</sup>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/containsHazardousSubstanceAbove0.1ForPostConsumerRecycledContent">http://w3id.org/CEON/ontology/textile/containsHazardousSubstanceAbove0.1ForPostConsumerRecycledContent</a>
<b>Domain</b>	<a href="#">TextileProductRecycledContent</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:boolean</a>
contains hazardous substance above0.1for pre consumer recycled content <sup>dp</sup>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/containsHazardousSubstanceAbove0.1ForPreConsumerRecycledContent">http://w3id.org/CEON/ontology/textile/containsHazardousSubstanceAbove0.1ForPreConsumerRecycledContent</a>
<b>Domain</b>	<a href="#">TextileProductRecycledContent</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:boolean</a>
contains metal <sup>dp</sup>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/containsMetal">http://w3id.org/CEON/ontology/textile/containsMetal</a>
<b>Description</b>	The product contains metal.
<b>Range</b>	<a href="#">xsd:boolean</a>

## design for better use<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForBetterUse>

**Sub Property Of** [topDataProperty<sup>dp</sup>](#)

**Super Property Of**

- [designedForActivelyPositiveImpact<sup>dp</sup>](#)
- [impossibleForMaintenanceOrRepair<sup>dp</sup>](#)
- [isConsumablesEasilyReplacedByUntrainedPerson<sup>dp</sup>](#)
- [isMaintainedOrRepairedByTrainedPerson<sup>dp</sup>](#)
- [isMaintainedOrRepairedByUntrainedPerson<sup>dp</sup>](#)
- [isSparePartsAvailable<sup>dp</sup>](#)
- [needsMaintenanceOrRepair<sup>dp</sup>](#)
- [withoutHarmfulDispersionOrEmission<sup>dp</sup>](#)

**Domain** [TextileProductDesignedForBetterUse<sup>c</sup>](#)

**Range** [xsd:boolean](#)

## design for demounting<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForDemounting>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

## design for properties<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForProperties>

**Super Property Of**

- [designForDemounting<sup>dp</sup>](#)
- [designedForCleanBiodigestion<sup>dp</sup>](#)
- [designedForCleanIncinerationPyrolysis<sup>dp</sup>](#)
- [designedForCompostingInHomeComposter<sup>dp</sup>](#)
- [designedForCompostingInIndustrialFacility<sup>dp</sup>](#)
- [designedForCyclingInTechnicalCycle<sup>dp</sup>](#)
- [designedForFullBiodegradability<sup>dp</sup>](#)
- [designedForIndustrialCascading<sup>dp</sup>](#)
- [designedForRecycling<sup>dp</sup>](#)
- [designedForRefurbishment<sup>dp</sup>](#)
- [designedForRemanufacturing<sup>dp</sup>](#)
- [designedForReuse<sup>dp</sup>](#)
- [designedForReuseWithMinimalModification<sup>dp</sup>](#)
- [designedForUsingReversibleConnector<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

## design for recycling amounts<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForRecyclingAmounts>

**Super Property Of** [emissionByDesign<sup>dp</sup>](#)

designed for actively positive impact<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForActivelyPositiveImpact>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

designed for clean biodigestion<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForCleanBiodigestion>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

designed for clean incineration pyrolysis<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForCleanIncinerationPyrolysis>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

designed for composting in home composter<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForCompostingInHomeComposter>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

designed for composting in industrial facility<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForCompostingInIndustrialFacility>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

designed for cycling in technical cycle<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/designForCyclingInTechnicalCycle>

**Sub Property Of** [designForProperties<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

## designed for full biodegradability<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForFullBiodegradability">http://w3id.org/CEON/ontology/textile/designForFullBiodegradability</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

## designed for industrial cascading<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForIndustrialCascading">http://w3id.org/CEON/ontology/textile/designForIndustrialCascading</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

## designed for recycling<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForRecycling">http://w3id.org/CEON/ontology/textile/designForRecycling</a>
<b>Description</b>	The product is designed for recycling?
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

## designed for refurbishment<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForRefurbishment">http://w3id.org/CEON/ontology/textile/designForRefurbishment</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

## designed for remanufacturing<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForRemanufacturing">http://w3id.org/CEON/ontology/textile/designForRemanufacturing</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

## designed for reuse<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForReuse">http://w3id.org/CEON/ontology/textile/designForReuse</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

designed for reuse with minimal modification<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForReuseWithMinimalModification">http://w3id.org/CEON/ontology/textile/designForReuseWithMinimalModification</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

designed for using reversible connector<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/designForUsingReversibleConnector">http://w3id.org/CEON/ontology/textile/designForUsingReversibleConnector</a>
<b>Sub Property Of</b>	<a href="#">designForProperties<sup>dp</sup></a>
<b>Domain</b>	<a href="#">TextileProductDesignForDisassembly<sup>c</sup></a>
<b>Range</b>	<a href="#">xsd:boolean</a>

emission by design<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/emissionByDesign">http://w3id.org/CEON/ontology/textile/emissionByDesign</a>
<b>Description</b>	The portion of the product known to be emitted into the environment during use is designed for that purpose.
<b>Sub Property Of</b>	<a href="#">designForRecyclingAmounts<sup>dp</sup></a>

has biodegradability test<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasBiodegradabilityTest">http://w3id.org/CEON/ontology/textile/hasBiodegradabilityTest</a>
<b>Range</b>	<a href="#">xsd:anyURI</a>

has cas number<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasCASNumber">http://w3id.org/CEON/ontology/textile/hasCASNumber</a>
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has chemical compliance<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasChemicalCompliance">http://w3id.org/CEON/ontology/textile/hasChemicalCompliance</a>
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has collection parameter<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/textile/hasCollectionParameter">http://w3id.org/CEON/ontology/textile/hasCollectionParameter</a>
<b>Super Property Of</b>	<a href="#">isCollectionSystemAvailable<sup>dp</sup></a>

has company name<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasCompanyName>

**Sub Property Of** <http://w3id.org/CEON/ontology/actor/hasOrganisationName>

**Range** [xsd:string](#)

has contained substance from reach very high concern list<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasContainedSubstanceFromREACHVeryHighConcernList>

**Range** [xsd:anyURI](#)

has country specific corporate identification number<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasCountrySpecificCorporateIdentificationNumber>

**Range** [xsd:string](#)

has finishing steps<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasFinishingSteps>

has product id code<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasProductIDCode>

**Range** [xsd:string](#)

has textile type<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/hasTextileType>

**Description** Description of the kind of textile product.

**Range** [xsd:string](#)

impossible for maintenance or repair<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/impossibleForMaintenanceOrRepair>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

## includes trims<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/includesTrims>

**Description** The product includes trims.

**Range** [xsd:boolean](#)

## is ce marked<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isCEMarked>

**Description** The product has the CE mark.

**Sub Property Of** [http://w3id.org/CEON/ontology/product/hasCertificate](#)

**Range** [xsd:boolean](#)

## is collection system available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isCollectionSystemAvailable>

**Description** The manufacturer/ industry association has a dedicated collection system in place to gather and deliver products for recycling.

**Sub Property Of** [hasCollectionParameter<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

## is consumables easily replaced by untrained person<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isConsumablesEasilyReplacedByUntrainedPerson>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

## is contained substance from reach very high concern list<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isContainedSubstanceFromREACHVeryHighConcernList>

**Range** [xsd:boolean](#)

## is contained substance in cmr harmonized classification<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isContainedSubstanceInCMRHarmonizedClassification>

**Range** [xsd:boolean](#)

is maintained or repaired by trained person<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isMaintainedOrRepairedByTrainedPerson>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

is maintained or repaired by untrained person<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isMaintainedOrRepairedByUntrainedPerson>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

is material safety data sheet for dyeing available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isMaterialSafetyDataSheetForDyeingAvailable>

**Description** Material Safety Data Sheets for Dyeing are available.

**Sub Property Of** [availableInformation<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

is material safety data sheet for finishing available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isMaterialSafetyDataSheetForFinishingAvailable>

**Description** Material Safety Data Sheets for Finishing are available.

**Sub Property Of** [availableInformation<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

is material safety data sheet for product available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isMaterialSafetyDataSheetForProductAvailable>

**Description** Material Safety Data Sheet for the product is available.

**Sub Property Of** [availableInformation<sup>dp</sup>](#)

**Range** [xsd:boolean](#)

is restricted substance contained out of reachxvii<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isRestricedSusbtanceContainedOutofREACHXVII>

**Range** [xsd:boolean](#)

is spare parts available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isSparePartsAvailable>

**Sub Property Of** [designForBetterUse](#)<sup>dp</sup>

is technical data sheet available<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isTechnicalDataSheetAvailable>

**Description** The Technical Data Sheet is available.

**Sub Property Of** [availableInformation](#)<sup>dp</sup>

**Range** [xsd:boolean](#)

is warned under California Proposition65<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/isWarnedUnderCaliforniaProposition65>

**Range** [xsd:boolean](#)

needs maintenance or repair<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/needsMaintenanceOrRepair>

**Sub Property Of** [designForBetterUse](#)<sup>dp</sup>

**Range** [xsd:boolean](#)

renewable content managed in sustainable way<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/renewableContentManagedInSustainableWay>

**Sub Property Of** <http://w3id.org/CEON/ontology/product/hasCertificate>

**Domain** [TextileProductRenewableContent](#)<sup>c</sup>

**Range** [xsd:boolean](#)

with public declaration of hazardous substances based on standard regulation<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/withPublicDeclarationOfHazardousSubstancesBasedOnStandardRegulation>

**Range** [xsd:boolean](#)

without harmful dispersion or emission<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/withoutHarmfulDispersionOrEmission>

**Sub Property Of** [designForBetterUse<sup>dp</sup>](#)

without known hazardous substance based on standard regulation<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/withoutKnownHazardousSubstanceBasedOnStandardRegulation>

**Range** [xsd:boolean](#)

## Annotation Properties

has maximal value included of interval<sup>ap</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasMaximalValueIncludedOfInterval>

has minimal value included of interval<sup>ap</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasMinimalValueIncludedOfInterval>

has minimal value not included of interval<sup>ap</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasMinimalValueNotIncludedOfInterval>

Ld Tmapping<sup>ap</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/LDTmapping>

**Range** [xsd:string](#)

Pcd Smapping<sup>ap</sup>

**IRI** <http://w3id.org/CEON/ontology/textile/PCDSmapping>

## Namespaces

:

http://w3id.org/CEON/ontology/textile/  
**actorODP**  
http://w3id.org/CEON/ontology/actorODP/  
**dcterms**  
http://purl.org/dc/terms/  
**owl**  
http://www.w3.org/2002/07/owl#  
**prov**  
http://www.w3.org/ns/prov#  
**rdf**  
http://www.w3.org/1999/02/22-rdf-syntax-ns#  
**rdfs**  
http://www.w3.org/2000/01/rdf-schema#  
**vann**  
http://purl.org/vocab/vann/  
**xsd**  
http://www.w3.org/2001/XMLSchema#

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties