

Circular Economy Ontology Network (CEON) - Textile Module

Metadata

IRI

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

Title

Circular Economy Ontology Network (CEON) - Textile Module

Creator

Eva Blomqvist

Contributor

Huanyu Li

Mikael Lindecrantz

Robin Keskisärkkä

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Version Iri

<http://w3id.org/CEON/demo/textile/0.1/>

Version Info

0.1

Preferred Namespace Uri

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

Description

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

Classes

Regulation ^c	
IRI	http://w3id.org/CEON/ontology/textile/Regulation
Origin ^c	
IRI	http://w3id.org/CEON/ontology/textile/Origin
<u>In Range Of</u>	hasOrigin ^{op}
<u>Named Individuals</u>	original ⁿⁱ recycled ⁿⁱ reused ⁿⁱ

Amount Interval Value^C

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

Super Class Of
[LeakageAmountInterval^C](#)
[PostConsumerRecycledContentInterval^C](#)
[PreConsumerRecycledContentInterval^C](#)
[RecyclingAtSameLevelAmountInterval^C](#)

Amount Threshold^C

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

In Range Of [disclosureValue^{op}](#)

Named Individuals
[_0.01percⁿⁱ](#)
[_0.1percⁿⁱ](#)
[_1percⁿⁱ](#)

Availability^C

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

Named Individuals
[publicⁿⁱ](#)
[secrecyAgreementⁿⁱ](#)

Batch Of Textile Objects^C

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

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

Restriction [hasColor^{op}](#) some [BatchOfTextileObjects^C](#)

Chemical Finishing^C

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

Sub Class Of [TextileFinishing^C](#)

Named Individuals

[anti-pillingⁿⁱ](#)
[antiStaticFinishingⁿⁱ](#)
[antibacterialFinishingⁿⁱ](#)
[coatingⁿⁱ](#)
[coatingAcrylicⁿⁱ](#)
[coatingPUⁿⁱ](#)
[coatingPVCⁿⁱ](#)
[creaseResistanceⁿⁱ](#)
[enzymeFinishingⁿⁱ](#)
[flameRetardantⁿⁱ](#)
[mattingAgentⁿⁱ](#)
[millWashingⁿⁱ](#)
[millingAgentⁿⁱ](#)
[naturalOilingⁿⁱ](#)
[opticalBrightenersⁿⁱ](#)
[permanentPressⁿⁱ](#)
[prepareForDyeingⁿⁱ](#)
[resinsⁿⁱ](#)
[siliconesⁿⁱ](#)
[soilReleaseⁿⁱ](#)
[stainResistanceⁿⁱ](#)

Color^C

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

In Range Of [hasColor^{op}](#)

Dye^C

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

Sub Class Of [TextileProperty^C](#)

Named Individuals

[acidDyeⁿⁱ](#)
[anilineDyeⁿⁱ](#)
[azoDyeⁿⁱ](#)
[basicDyeⁿⁱ](#)
[chromeDyeⁿⁱ](#)
[directDyeⁿⁱ](#)
[disperseDyeⁿⁱ](#)
[mordantDyeⁿⁱ](#)
[narturalDyeⁿⁱ](#)
[pigmentBiosyntheticⁿⁱ](#)
[pigmentNaturalⁿⁱ](#)
[pigmentSyntheticⁿⁱ](#)
[reactiveDyeⁿⁱ](#)
[vatDyeⁿⁱ](#)

Dyeing Process^C

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

Sub Class Of [TextileManufacturingProcess^C](#)

In Range Of [Dye Method^{OP}](#)

Leakage Amount Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals

[_10to25Percⁿⁱ](#)
[_1to10Percⁿⁱ](#)
[_25to50Percⁿⁱ](#)
[_50-75Percⁿⁱ](#)
[_75to95Percⁿⁱ](#)
[above95Percⁿⁱ](#)
[lessThan1Percⁿⁱ](#)

Mechanical Finishing^C

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

Sub Class Of [TextileFinishing^C](#)

Named Individuals [calenderingⁿⁱ](#)
[embossingⁿⁱ](#)
[permanentCreasingⁿⁱ](#)
[pre-shrinkingⁿⁱ](#)
[steamingⁿⁱ](#)
[suedingⁿⁱ](#)

Post Consumer Recycled Content Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals [_0percⁿⁱ](#)
[_0to10Percⁿⁱ](#)
[_10to25Percⁿⁱ](#)
[_25to50Percⁿⁱ](#)
[_50-75Percⁿⁱ](#)
[_75to95Percⁿⁱ](#)
[above95Percⁿⁱ](#)

Pre Consumer Recycled Content Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals [_0percⁿⁱ](#)
[_0to10Percⁿⁱ](#)
[_10to25Percⁿⁱ](#)
[_25to50Percⁿⁱ](#)
[_50-75Percⁿⁱ](#)
[_75to95Percⁿⁱ](#)
[above95Percⁿⁱ](#)

Print^C

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

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

Print Stuff^C

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

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

Named Individuals

[acidDyeⁿⁱ](#)
[analineDyeⁿⁱ](#)
[azoDyeⁿⁱ](#)
[basicDyeⁿⁱ](#)
[chromeDyeⁿⁱ](#)
[directDyeⁿⁱ](#)
[disperseDyeⁿⁱ](#)
[mordantDyeⁿⁱ](#)
[narturalDyeⁿⁱ](#)
[pigmentBiosyntheticⁿⁱ](#)
[pigmentNaturalⁿⁱ](#)
[pigmentSyntheticⁿⁱ](#)
[reactiveDyeⁿⁱ](#)
[sulfurDyeⁿⁱ](#)
[vatDyeⁿⁱ](#)

Printing Process^C

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

Sub Class Of [TextileManufacturingProcess^C](#)

In Range Of [Print Method^{op}](#)

Named Individuals

[batikPrintedⁿⁱ](#)
[digitalPrintedⁿⁱ](#)
[handPaintedⁿⁱ](#)
[inkjetPrintedⁿⁱ](#)
[rollerPrintedⁿⁱ](#)
[screenPrintedⁿⁱ](#)
[transferPrintedⁿⁱ](#)

Recycling At Same Level Amount Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals

- [_0percⁿⁱ](#)
- [_0to10Percⁿⁱ](#)
- [_10to25Percⁿⁱ](#)
- [_25to50Percⁿⁱ](#)
- [_50-75Percⁿⁱ](#)
- [_75to95Percⁿⁱ](#)
- [_95to99Percⁿⁱ](#)
- [above99Percⁿⁱ](#)

Textile Chemical Substance Threshold Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

In Domain Of [disclosureValue^{op}](#)

Textile Data Sheet^C

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

Sub Class Of <http://w3id.org/CEON/ontology/datasheet/DataSheet>

Restriction

[hasProperty^{op}](#) some [TextileDataSheet^C](#)
<http://w3id.org/CEON/ontology/resourceODP/isAbout> some [TextileDataSheet^C](#)

Textile Data Sheet Issuing Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Data Sheet Statement^C

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

Sub Class Of <http://w3id.org/CEON/ontology/provenance/Statement>

Super Class Of

- [TextileChemicalSubstanceThresholdStatement^C](#)
- [TextileDataSheetIssuingStatement^C](#)
- [TextileDataSheetUpdateStatement^C](#)
- [TextileManufacturerStatement^C](#)
- [TextileManufacturingSiteStatement^C](#)
- [TextileProductCertification^C](#)
- [TextileProductComponentRelation^C](#)
- [TextileProductCompositionDisclosureStatement^C](#)
- [TextileProductCompositionOfConcern^C](#)
- [TextileProductCompositionWeightFraction^C](#)
- [TextileProductDataSheet^C](#)
- [TextileProductDesignForDisassembly^C](#)
- [TextileProductDesignForRecycling^C](#)
- [TextileProductDesignForRefurbishment^C](#)
- [TextileProductDesignForRemanufacturing^C](#)
- [TextileProductDesignForReuseMethod^C](#)
- [TextileProductDesignedForBetterUse^C](#)
- [TextileProductManufacturingMethod^C](#)
- [TextileProductMatterCompositionRelation^C](#)
- [TextileProductRecycledContent^C](#)
- [TextileProductRenewableContet^C](#)

Textile Data Sheet Update Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Finishing^C

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

Sub Class Of [TextileProperty^C](#)

In Range Of [hasFinishing^{OP}](#)

Super Class Of

- [ChemicalFinishing^C](#)
- [MechanicalFinishing^C](#)

Textile Manufacturer Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Manufacturing Process^C

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

In Range Of [hasTextileManufacturingProcess^{OP}](#)

Super Class Of
[DyeingProcess^C](#)
[PrintingProcess^C](#)

Named Individuals
[directDyedⁿⁱ](#)
[dopeDyedⁿⁱ](#)
[pieceDyedⁿⁱ](#)
[topDyedⁿⁱ](#)
[undyedⁿⁱ](#)
[yarnDyedⁿⁱ](#)

Textile Manufacturing Site Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product^C

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

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

In Domain Of [hasTextileProductType^{OP}](#)

Restriction
[hasColor^{OP}](#) some [TextileProduct^C](#)
[hasTextileProductType^{OP}](#) some [TextileProduct^C](#)

Textile Product Certification^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Component Relation^c

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

Sub Class Of

<http://qudt.org/schema/qudt/Quantity>
[TextileDataSheetStatement^c](#)
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://w3id.org/CEON/ontology/actorODP/participatingObject> some
[http://w3id.org/CEON/ontology/resourceODP/Constituent^c](http://w3id.org/CEON/ontology/resourceODP/Constituent) and
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some [TextileProduct^c](#) and <http://qudt.org/schema/qudt/numericalValue> some
[nc3d10b87e83c4993a7eca6f84b448649b15^c](http://qudt.org/schema/qudt/numericalValue) and
<http://qudt.org/schema/qudt/hasUnit> some [http://qudt.org/schema/qudt/Unit^c](http://qudt.org/schema/qudt/Unit)

Textile Product Composition Disclosure Statement^c

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

Sub Class Of [TextileDataSheetStatement^c](#)

In Range Of [chemicalSubstanceDisclosureThreshold^{op}](#)

Textile Product Composition Of Concern^c

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

Sub Class Of [TextileDataSheetStatement^c](#)

Textile Product Composition Weight Fraction^c

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

Sub Class Of [TextileDataSheetStatement^c](#)

Textile Product Data Sheet^c

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

Sub Class Of [TextileDataSheetStatement^c](#)

Textile Product Design For Disassembly^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForDisassembly
<u>Sub Class Of</u>	TextileDataSheetStatement^C
<u>Super Class Of</u>	TextileProductDesignToBeCleanlyRemoved^C TextileProductDesignToBeDismantled^C

Textile Product Design For Recycling^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForRecycling
<u>Sub Class Of</u>	TextileDataSheetStatement^C
<u>In Range Of</u>	desinged for recycling at the same level of quality^{op}
<u>Restriction</u>	recyclingAtSameQualityRange^{op} some TextileProductDesignForRecycling^C

Textile Product Design For Refurbishment^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForRefurbishment
<u>Sub Class Of</u>	TextileDataSheetStatement^C

Textile Product Design For Remanufacturing^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForRemanufacturing
<u>Sub Class Of</u>	TextileDataSheetStatement^C

Textile Product Design For Reuse Method^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForReuseMethod
<u>Sub Class Of</u>	TextileDataSheetStatement^C

Textile Product Design To Be Cleanly Removed^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignToBeCleanlyRemoved
<u>Sub Class Of</u>	TextileProductDesignForDisassembly^C

Textile Product Design To Be Dismantled^C

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

Sub Class Of [TextileProductDesignForDisassembly^C](#)

Textile Product Designed For Better Use^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Manufacturing Method^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Matter Composition Relation^C

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

Sub Class Of <http://qudt.org/schema/qudt/Quantity>
[TextileDataSheetStatement^C](#)
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some
[nc3d10b87e83c4993a7eca6f84b448649b26^C](#) and
<http://w3id.org/CEON/ontology/actorODP/participatingObject> some
<http://w3id.org/CEON/ontology/resourceODP/Matter^C>

Textile Product Object^C

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

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

Restriction [hasColor^{OP}](#) some [TextileProductObject^C](#)

Textile Product Recycled Content^C

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

Sub Class Of <http://qudt.org/schema/qudt/Quantity>
[TextileDataSheetStatement^C](#)
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://qudt.org/schema/qudt/numericalValue> some
[nc3d10b87e83c4993a7eca6f84b448649b39^C](#) and
<http://w3id.org/CEON/ontology/provenance/statementAbout> some
[nc3d10b87e83c4993a7eca6f84b448649b35^C](#) and
<http://qudt.org/schema/qudt/hasUnit> some [http://qudt.org/schema/qudt/Unit^C](http://qudt.org/schema/qudt/Unit)

Textile Product Renewable Contet^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Type^C

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

In Range Of [hasTextileProductType^{OP}](#)

Textile Property^C

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

Super Class Of [Dye^C](#)
[TextileFinishing^C](#)
[WaterProperty^C](#)

Textile Recycling Process^C

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

In Range Of [textileProductDesignForRecycling^{OP}](#)

Named Individuals [biodigestionⁿⁱ](#)
[biosphereCascadingⁿⁱ](#)
[homeCompostingⁿⁱ](#)
[incinerationⁿⁱ](#)
[industrialCompostingⁿⁱ](#)

Validation^c

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

Named Individuals

[certifiedⁿⁱ](#)
[validatedByThirdPartyⁿⁱ](#)

Water Property^c

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

Sub Class Of [TextileProperty^c](#)

In Range Of [Water Property^{op}](#)

Named Individuals

[Water repellentⁿⁱ](#)
[Water resistantⁿⁱ](#)
[Waterproofⁿⁱ](#)

Brand Of Resource^c

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

Sub Class Of <http://w3id.org/CEON/ontology/actorODP/ResourceRelation>

Equivalentclass <http://w3id.org/CEON/ontology/actorODP/participantRole> value [brand^c](#) *and*
<http://w3id.org/CEON/ontology/actorODP/ResourceRelation>^c

Reach Compliance^c

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

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

Equivalentclass <http://w3id.org/CEON/ontology/product/complianceWith> value [REACH^c](#)

Object Properties

anticipated leakage during use^{op}

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^{op}](#)

chemical substance disclosure threshold^{op}

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

Range [TextileProductCompositionDisclosureStatement^c](#)

desinged for recycling at the same level of quality^{op}

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 [hasProperty^{op}](#)

Range [TextileProductDesignForRecycling^c](#)

disclosure value^{op}

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

Sub Property Of <http://w3id.org/CEON/ontology/quantity#objectValue>

Domain [TextileChemicalSubstanceThresholdStatement^c](#)

Range [AmountThreshold^c](#)

has color^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasColor
Domain	http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects ^c or http://w3id.org/CEON/ontology/product/ProductObject ^c or http://w3id.org/CEON/ontology/product/Product ^c
Range	Color ^c

Dye Method^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasDyeMethod
Sub Property Of	hasTextileManufacturingProcess ^{op}
Range	DyeingProcess ^c

Dye Stuff^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasDyeStuff
Sub Property Of	hasProperty ^{op}

has finishing^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasFinishing
Sub Property Of	hasProperty ^{op}
Range	TextileFinishing ^c

Finishing Step^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasFinishingStep
Sub Property Of	hasTextileManufacturingProcess ^{op}

has post consumer recycled content amount^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasPostConsumerRecycledContentAmount
Sub Property Of	http://w3id.org/CEON/ontology/product/hasComposition

has pre consumer recycled content amount^{op}

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

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

Print Finishing^{op}

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

Sub Property Of [hasProperty^{op}](#)

Print Method^{op}

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

Sub Property Of [hasTextileManufacturingProcess^{op}](#)

Range [PrintingProcess^c](#)

Print Stuff^{op}

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

Sub Property Of [hasProperty^{op}](#)

has property^{op}

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

Super Property Of

- [anticipatedLeakageDuringUse^{op}](#)
- [desinged for recycling at the same level of quality^{op}](#)
- [Dye Stuff^{op}](#)
- [hasFinishing^{op}](#)
- [Print Finishing^{op}](#)
- [Print Stuff^{op}](#)
- [Water Property^{op}](#)

Domain <http://w3id.org/CEON/ontology/datasheet/DataSheet>

Range <http://w3id.org/CEON/ontology/provenance/Statement>

has textile manufacturing process^{op}

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

Super Property Of

- [Dye Method^{op}](#)
- [Finishing Step^{op}](#)
- [Print Method^{op}](#)

Range [TextileManufacturingProcess^c](#)

has textile product type^{op}

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

Domain [TextileProduct^c](#)

Range [TextileProductType^c](#)

Water Property^{op}

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

Sub Property Of [hasProperty^{op}](#)

Range [WaterProperty^c](#)

product composition disclosure availability^{op}

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

product composition disclosure validation^{op}

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

recycling at same quality range^{op}

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

Sub Property Of <http://w3id.org/CEON/ontology/quantity#objectValue>

textile product design ^{op}

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

Super Property Of [textileProductDesignForRecycling^{op}](#)

textile product design for recycling ^{op}

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

Description Product designed for a certain recycling method.

Sub Property Of [textileProductDesign^{op}](#)

Range [TextileRecyclingProcess^c](#)

weight fraction of disclosed substances ^{op}

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

has origin ^{op}

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

Range [Origin^c](#)

Datatype Properties

has type ^{dp}

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

Description Description of the kind of product.

Range [xsd:string](#)

contains metal^{dp}

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

Description The product contains metal.

Range [xsd:boolean](#)

includes trims^{dp}

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

Description The product includes trims.

Range [xsd:boolean](#)

production site^{dp}

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

Description The location where the product was produced.

Range [xsd:string](#)

C Emark^{dp}

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

Description The product has theCE mark.

Sub Property Of [certification^{dp}](#)

Range [xsd:boolean](#)

available information^{dp}

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

Super Property Of

- [biodegradabilityTestAvailable^{dp}](#)
- [materialSafetyDataSheetAvailable^{dp}](#)
- [materialSafetyDataSheetForDyeingAvailable^{dp}](#)
- [materialSafetyDataSheetForFinishingAvailable^{dp}](#)
- [technicalDataSheetAvailable^{dp}](#)

biodegradability test available^{dp}

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

Description Biodegradability test is available.

Sub Property Of [availableInformation^{dp}](#)

Range [xsd:boolean](#)

certification^{dp}

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

Super Property Of [CEmark^{dp}](#)

chemical compliance^{dp}

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

collection parameter^{dp}

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

Super Property Of [collectionSystem^{dp}](#)

collection system^{dp}

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

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

Sub Property Of [collectionParameter^{dp}](#)

Range [xsd:boolean](#)

design for properties^{dp}

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

Super Property Of

- [designedForRecycling^{dp}](#)
- [designedForRefurbishment^{dp}](#)
- [designedForRemanufacturing^{dp}](#)
- [designedForReuse^{dp}](#)

design for recycling amounts^{dp}

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

Super Property Of [emissionByDesign^{dp}](#)

designed for recycling^{dp}

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

Description

The product is designed for recycling?e

Sub Property Of [designForProperties^{dp}](#)

designed for refurbishment^{dp}

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

Description

The product is desinged for refurbishment?

Sub Property Of [designForProperties^{dp}](#)

designed for remanufacturing^{dp}

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

Description

The product is designed for remanufacturing?

Sub Property Of [designForProperties^{dp}](#)

designed for reuse^{dp}

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

Sub Property Of [designForProperties^{dp}](#)

Super Property Of [designedForReuseWMinimalMod^{dp}](#)

designed for reuse w minimal mod^{dp}

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

Description The product is designed for re-use as-is or with minimal modification.

Sub Property Of [designedForReuse^{dp}](#)

emission by design^{dp}

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

Description The portion of the product known to be emitted into the environment during use is designed for that purpose.

Sub Property Of [designForRecyclingAmounts^{dp}](#)

finishing steps^{dp}

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

material safety data sheet available^{dp}

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

Description Material Safety Data Sheet for the product is available.

Sub Property Of [availableInformation^{dp}](#)

Range [xsd:boolean](#)

material safety data sheet for dyeing available ^{dp}

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

Description Material Safety Data Sheets for Dyeing are available.

Sub Property Of [availableInformation](#) ^{dp}

Range [xsd:boolean](#)

material safety data sheet for finishing available ^{dp}

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

Description Material Safety Data Sheets for Finishing are available.

Sub Property Of [availableInformation](#) ^{dp}

Range [xsd:boolean](#)

technical data sheet available ^{dp}

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

Description The Technical Data Sheet is available.

Sub Property Of [availableInformation](#) ^{dp}

Range [xsd:boolean](#)

Annotation Properties

C Fmapping ^{ap}

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

Pcd Smapping ^{ap}

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

Namespaces

:

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

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