

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/CE0N/ontology/textile/Regulation>

Origin^C

IRI <http://w3id.org/CE0N/ontology/textile/Origin>

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

Named Individuals [original](#)ⁿⁱ
[recycled](#)ⁿⁱ
[reused](#)ⁿⁱ

Amount Interval Value^C

IRI <http://w3id.org/CE0N/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](#)
[analineDyeⁿⁱ](#)
[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

[acidDye](#)ⁿⁱ
[analineDye](#)ⁿⁱ
[azoDye](#)ⁿⁱ
[basicDye](#)ⁿⁱ
[chromeDye](#)ⁿⁱ
[directDye](#)ⁿⁱ
[disperseDye](#)ⁿⁱ
[mordantDye](#)ⁿⁱ
[narturalDye](#)ⁿⁱ
[pigmentBiosynthetic](#)ⁿⁱ
[pigmentNatural](#)ⁿⁱ
[pigmentSynthetic](#)ⁿⁱ
[reactiveDye](#)ⁿⁱ
[sulfurDye](#)ⁿⁱ
[vatDye](#)ⁿⁱ

Printing Process^c

IRI	http://w3id.org/CEON/ontology/textile/PrintingProcess
<u>Sub Class Of</u>	TextileManufacturingProcess^c
<u>In Range Of</u>	Print Method^{op}
<u>Named Individuals</u>	batikPrintedⁿⁱ digitalPrintedⁿⁱ handPaintedⁿⁱ inkjetPrintedⁿⁱ rollerPrintedⁿⁱ screenPrintedⁿⁱ transferPrintedⁿⁱ

Recycling At Same Level Amount Interval^c

IRI	http://w3id.org/CEON/ontology/textile/RecyclingAtSameLevelAmountInterval
<u>Sub Class Of</u>	AmountIntervalValue^c
<u>Named Individuals</u>	_0percⁿⁱ _0to10Percⁿⁱ _10to25Percⁿⁱ _25to50Percⁿⁱ _50-75Percⁿⁱ _75to95Percⁿⁱ _95to99Percⁿⁱ above99Percⁿⁱ

Textile Chemical Substance Threshold Statement^C

IRI	http://w3id.org/CEON/ontology/textile/TextileChemicalSubstanceThresholdStatement
<u>Sub Class Of</u>	TextileDataSheetStatement^C
<u>In Domain Of</u>	disclosureValue^{op}

Textile Data Sheet^C

IRI	http://w3id.org/CEON/ontology/textile/TextileDataSheet
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/datasheet/DataSheet
<u>Restriction</u>	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
<u>Sub Class Of</u>	TextileDataSheetStatement^c

Textile Manufacturing Process^c

IRI	http://w3id.org/CEON/ontology/textile/TextileManufacturingProcess
<u>In Range Of</u>	hasTextileManufacturingProcess^{op}
<u>Super Class Of</u>	DyeingProcess^c PrintingProcess^c
<u>Named Individuals</u>	directDyedⁿⁱ dopeDyedⁿⁱ pieceDyedⁿⁱ topDyedⁿⁱ undyedⁿⁱ yarnDyedⁿⁱ

Textile Manufacturing Site Statement^C

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

Textile Product^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProduct
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/product/Product
<u>In Domain Of</u>	hasTextileProductType^{op}
<u>Restriction</u>	hasColor^{op} some TextileProduct^C hasTextileProductType^{op} some TextileProduct^C

Textile Product Certification^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductCertification
<u>Sub Class Of</u>	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](http://qudt.org/schema/qudt/Quantity)^c

<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>

<http://w3id.org/CEON/ontology/actorODP/participatingObject> some

<http://w3id.org/CEON/ontology/resourceODP/Constituent>^c and

<http://qudt.org/schema/qudt/numericalValue> some

[n7564c493310047da84a8ba8ef20694bab15](http://qudt.org/schema/qudt/numericalValue)^c and

<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some

[TextileProduct](http://w3id.org/CEON/ontology/actorODP/participatingSubject)^c and

<http://qudt.org/schema/qudt/hasUnit> some

<http://qudt.org/schema/qudt/Unit>^c

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>

Sub Class Of [TextileDataSheetStatement^C](#)

Super Class Of [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>

Sub Class Of [TextileDataSheetStatement^c](#)

Textile Product Design For Reuse Method^c

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

Sub Class Of [TextileDataSheetStatement^c](#)

Textile Product Design To Be Cleanly Removed^c

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

Sub Class Of [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>
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some [n7564c493310047da84a8ba8ef20694bab26](http://w3id.org/CEON/ontology/actorODP/participatingSubject)^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](http://w3id.org/CEON/ontology/product/ProductObject)^{op} some [TextileProductObject](http://w3id.org/CEON/ontology/product/ProductObject)^C

Textile Product Recycled Content^c

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

Sub Class Of <http://qudt.org/schema/qudt/Quantity>
[TextileDataSheetStatement](http://qudt.org/schema/qudt/Quantity)^c
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://qudt.org/schema/qudt/hasUnit> some
<http://qudt.org/schema/qudt/Unit>^c *and*
<http://w3id.org/CEON/ontology/provenance/statementAbout> some
[n7564c493310047da84a8ba8ef20694bab35](http://w3id.org/CEON/ontology/provenance/statementAbout)^c *and*
<http://qudt.org/schema/qudt/numericalValue> some
[n7564c493310047da84a8ba8ef20694bab39](http://w3id.org/CEON/ontology/provenance/statementAbout)^c

Textile Product Renewable Content^c

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

Sub Class Of [TextileDataSheetStatement](http://qudt.org/schema/qudt/Quantity)^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

[certified](#)ⁿⁱ

[validatedByThirdParty](#)ⁿⁱ

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 repellent](#)ⁿⁱ

[Water resistant](#)ⁿⁱ

[Waterproof](#)ⁿⁱ

Brand Of Resource^c

IRI	http://w3id.org/CEON/ontology/textile/BrandOfResource
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/actorODP/ResourceRelation
<u>Equivalentclass</u>	http://w3id.org/CEON/ontology/actorODP/ResourceRelation ^c <i>and</i> http://w3id.org/CEON/ontology/actorODP/participantRole value brand ^c

Reach Compliance^c

IRI	http://w3id.org/CEON/ontology/textile/REACHCompliance
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/product/Compliance
<u>Equivalentclass</u>	http://w3id.org/CEON/ontology/product/compliance <i>With</i> 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](#)

designed 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
<u>Domain</u>	<a href="http://w3id.org/CEON/ontology/product/Product<sup>c</sup>">http://w3id.org/CEON/ontology/product/Product^c <i>or</i> <a href="http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects<sup>c</sup>">http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects^c <i>or</i> <a href="http://w3id.org/CEON/ontology/product/ProductObject<sup>c</sup>">http://w3id.org/CEON/ontology/product/ProductObject^c
<u>Range</u>	Color^c

Dye Method^{op}

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

Dye Stuff^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasDyeStuff
<u>Sub Property Of</u>	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](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](http://w3id.org/CEON/ontology/textile/hasPrintFinishing)

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

Print Method^{op}

IRI [http://w3id.org/CEON/ontology/textile/
hasPrintMethod](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

- [anticipatedLeakage DuringUse^{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?

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/CE0N/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/CE0N/ontology/textile/CFmapping>

Pcd Smapping^{ap}

IRI <http://w3id.org/CE0N/ontology/textile/PCDSmapping>

Namespaces

:

<http://w3id.org/CE0N/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	Data type Properties
ap	Annotation Properties

