

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/0.1/>

Version Info

0.1

Preferred Namespace Uri

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

Description

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

Classes

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 [0.01%ⁿⁱ](#)
[0.1%ⁿⁱ](#)
[1%ⁿⁱ](#)

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

- [10-25%ⁿⁱ](#)
- [1-10%ⁿⁱ](#)
- [25-50%ⁿⁱ](#)
- [50-75%ⁿⁱ](#)
- [75-95%ⁿⁱ](#)
- [>95%ⁿⁱ](#)
- [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

- [0%ⁿⁱ](#)
- [0-10%ⁿⁱ](#)
- [10-25%ⁿⁱ](#)
- [25-50%ⁿⁱ](#)
- [50-75%ⁿⁱ](#)
- [75-95%ⁿⁱ](#)
- [>95%ⁿⁱ](#)

Pre Consumer Recycled Content Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals

- [0%ⁿⁱ](#)
- [0-10%ⁿⁱ](#)
- [10-25%ⁿⁱ](#)
- [25-50%ⁿⁱ](#)
- [50-75%ⁿⁱ](#)
- [75-95%ⁿⁱ](#)
- [>95%ⁿⁱ](#)

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
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/resourceODP/Matter
<u>Named Individuals</u>	<u>acidDye</u> ⁿⁱ <u>analineDye</u> ⁿⁱ <u>azoDye</u> ⁿⁱ <u>basicDye</u> ⁿⁱ <u>chromeDye</u> ⁿⁱ <u>directDye</u> ⁿⁱ <u>disperseDye</u> ⁿⁱ <u>mordantDye</u> ⁿⁱ <u>narturalDye</u> ⁿⁱ <u>pigmentBiosynthetic</u> ⁿⁱ <u>pigmentNatural</u> ⁿⁱ <u>pigmentSynthetic</u> ⁿⁱ <u>reactiveDye</u> ⁿⁱ <u>sulfurDye</u> ⁿⁱ <u>vatDye</u> ⁿⁱ

Printing Process^C

IRI	http://w3id.org/CEON/ontology/textile/PrintingProcess
<u>Sub Class Of</u>	<u>TextileManufacturingProcess</u> ^C
<u>In Range Of</u>	<u>Print Method</u> ^{op}
<u>Named Individuals</u>	<u>batikPrinted</u> ⁿⁱ <u>digitalPrinted</u> ⁿⁱ <u>handPainted</u> ⁿⁱ <u>inkjetPrinted</u> ⁿⁱ <u>rollerPrinted</u> ⁿⁱ <u>screenPrinted</u> ⁿⁱ <u>transferPrinted</u> ⁿⁱ

Recycling At Same Level Amount Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals

- [0%ⁿⁱ](#)
- [0-10%ⁿⁱ](#)
- [10-25%ⁿⁱ](#)
- [25-50%ⁿⁱ](#)
- [50-75%ⁿⁱ](#)
- [75-95%ⁿⁱ](#)
- [95-99%ⁿⁱ](#)
- [>99%ⁿⁱ](#)

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
[dyeing process^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://qudt.org/schema/qudt/hasUnit some ^c and http://qudt.org/schema/qudt/numericalValue some nad4fc458f7004aad945e518706a0e32ab15^c and http://w3id.org/CEON/ontology/actorODP/participatingSubject some TextileProduct^c and http://w3id.org/CEON/ontology/actorODP/participatingObject some ^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
Sub Class Of	TextileDataSheetStatement^C
In Range Of	desinged for recycling at the same level of quality^{op}
Restriction	recyclingAtSameQualityRange^{op} some TextileProductDesignForRecycling^C

Textile Product Design For Refurbishment^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForRefurbishment
Sub Class Of	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>
[TextileDataSheetStatement^C](#)
<http://w3id.org/CEON/ontology/actorODP/ResourceParticipation>
<http://w3id.org/CEON/ontology/actorODP/participatingObject> some
<http://w3id.org/CEON/ontology/resourceODP/Matter^C> and
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some
[nad4fc458f7004aad945e518706a0e32ab26^C](http://w3id.org/CEON/ontology/actorODP/participatingSubject)

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://w3id.org/CEON/ontology/provenance/statementAbout> some
[nad4fc458f7004aad945e518706a0e32ab35^C](#) and
<http://qudt.org/schema/qudt/numericalValue> some
[nad4fc458f7004aad945e518706a0e32ab39^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

[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

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/product/Product^c> *or* <http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects^c> *or* <http://w3id.org/CEON/ontology/product/ProductObject^c>

Range [Color^c](#)

Dye Method^{op}

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

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

Range [dyeing process^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>

Description A product composition disclosed at the defined threshold is publicly available or a product composition disclosed at the defined threshold is available to the customer under secrecy agreement.

product composition disclosure validation^{op}

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

Description The product composition disclosed at the defined threshold has been validated by a third party or the product has been awarded an independent certification or standard related to its composition.

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>

Description The weight fraction of all disclosed chemical substances is 0%, 0-10%, 10-25%, 25-50%, 50-75%, 75-95%, 95-99%, over 99%.

Datatype Properties

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>

Description The product is designed for reused?

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