

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

Regulation^C

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

Origin^C

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

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

Named Individuals
[originalⁿⁱ](#)
[recycledⁿⁱ](#)
[reusedⁿⁱ](#)

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/CE0N/ontology/textile/Color>

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

Dye^C

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

Sub Class Of [TextileManufacturingProcess^C](#)

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

Leakage Amount Interval^C

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

Sub Class Of [AmountIntervalValue^C](#)

Named Individuals

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

Print^C

IRI <http://w3id.org/CE0N/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>

Sub Class Of [TextileManufacturingProcess](#)^C

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

Named Individuals

[batikPrinted](#)ⁿⁱ
[digitalPrinted](#)ⁿⁱ
[handPainted](#)ⁿⁱ
[inkjetPrinted](#)ⁿⁱ
[rollerPrinted](#)ⁿⁱ
[screenPrinted](#)ⁿⁱ
[transferPrinted](#)ⁿⁱ

Recycling At Same Level Amount Interval^C

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

Sub Class Of [AmountIntervalValue](#)^C

Named Individuals

[_0perc](#)ⁿⁱ
[_0to10Perc](#)ⁿⁱ
[_10to25Perc](#)ⁿⁱ
[_25to50Perc](#)ⁿⁱ
[_50-75Perc](#)ⁿⁱ
[_75to95Perc](#)ⁿⁱ
[_95to99Perc](#)ⁿⁱ
[above99Perc](#)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 TextileProductRenewableContent^C

Textile Data Sheet Update Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Finishing^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Manufacturing Process^C

IRI <http://w3id.org/CE0N/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/CE0N/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 and
<http://qudt.org/schema/qudt/numericalValue> some [n164313f710674feeb34abd7be83030e8b15](#)
^C and <http://qudt.org/schema/qudt/hasUnit> some <http://qudt.org/schema/qudt/Unit>^C and
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some [TextileProduct](#)^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/CE0N/ontology/textile/TextileProductDataSheet>

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Design For Disassembly^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Design For Remanufacturing^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Design For Reuse Method^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Design To Be Cleanly Removed^C

IRI <http://w3id.org/CE0N/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](http://w3id.org/CEON/ontology/resourceODP/Matter) and
<http://w3id.org/CEON/ontology/actorODP/participatingSubject> some
[n164313f710674feeb34abd7be83030e8b26^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://qudt.org/schema/qudt/numericalValue> some [n164313f710674feeb34abd7be83030e8b39^C](#)
and <http://qudt.org/schema/qudt/hasUnit> some [http://qudt.org/schema/qudt/Unit^C](http://qudt.org/schema/qudt/Unit) and
<http://w3id.org/CEON/ontology/provenance/statementAbout> some
[n164313f710674feeb34abd7be83030e8b35^C](http://w3id.org/CEON/ontology/provenance/statementAbout)

Textile Product Renewable Contet^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Product Type^C

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

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

Textile Property^C

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

Super Class Of

- [Dye^C](#)
- [TextileFinishing^C](#)
- [WaterProperty^C](#)

Textile Recycling Process^C

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

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

Named Individuals

- [biodigestionⁿⁱ](#)
- [biosphereCascadingⁿⁱ](#)
- [homeCompostingⁿⁱ](#)
- [incinerationⁿⁱ](#)
- [industrialCompostingⁿⁱ](#)

Validation^C

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

Named Individuals

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

Water Property^C

IRI <http://w3id.org/CE0N/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/ResourceRelation ^c and http://w3id.org/CEON/ontology/actorODP/participantRole value brand ^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/product/Product ^c <i>or</i> http://w3id.org/CEON/ontology/product/ProductObject ^c <i>or</i> http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects ^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
<u>Domain</u>	TextileProduct ^c
<u>Range</u>	TextileProductType ^c

Water Property^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasWaterProperty
<u>Sub Property Of</u>	hasProperty ^{op}
<u>Range</u>	WaterProperty ^c

product composition disclosure availability^{op}

IRI	http://w3id.org/CEON/ontology/textile/productCompositionDisclosureAvailability
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product composition disclosure validation^{op}

IRI	http://w3id.org/CEON/ontology/textile/productCompositionDisclosureValidation
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recycling at same quality range^{op}

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

textile product design^{op}

IRI	http://w3id.org/CEON/ontology/textile/textileProductDesign
<u>Super Property Of</u>	textileProductDesignForRecycling ^{op}

textile product design for recycling^{op}

IRI	http://w3id.org/CEON/ontology/textile/textileProductDesignForRecycling
<u>Description</u>	Product designed for a certain recycling method.
<u>Sub Property Of</u>	textileProductDesign ^{op}
<u>Range</u>	TextileRecyclingProcess ^c

weight fraction of disclosed substances^{op}

IRI	http://w3id.org/CEON/ontology/textile/weightFractionOfDisclosedSubstances
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has origin^{op}

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

Range [Origin^c](#)

Datatype Properties

has type^{dp}

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

Description Description of the kind of product.

Range [xsd:string](#)

contains metal^{dp}

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

Description The product contains metal.

Range [xsd:boolean](#)

includes trims^{dp}

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

Description The product includes trims.

Range [xsd:boolean](#)

production site^{dp}

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

Description The location where the product was produced.

Range [xsd:string](#)

C Emark^{dp}

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

Description The product has theCE mark.

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

Range [xsd:boolean](#)

available information^{dp}

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

Super Property Of

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

biodegradability test available^{dp}

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

Description

Biodegradability test is available.

Sub Property Of

[availableInformation^{dp}](#)

Range

[xsd:boolean](#)

certification^{dp}

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

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

chemical compliance^{dp}

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

collection parameter^{dp}

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

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

collection system^{dp}

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

Super Property Of

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

design for recycling amounts^{dp}

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

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

designed for recycling^{dp}

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

Description The product is designed for recycling?

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

designed for refurbishment^{dp}

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

Description The product is desinged for refurbishment?

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

designed for remanufacturing^{dp}

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

Description The product is designed for remanufacturing?

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

designed for reuse^{dp}

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

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

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

designed for reuse w minimal mod^{dp}

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

material safety data sheet available^{dp}

IRI <http://w3id.org/CE0N/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/CE0N/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/CE0N/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	Datatype Properties
ap	Annotation Properties