

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

[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/CE0N/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/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 TextileProductRenewableContent^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/participatingSubject> some
[TextileProduct^C](#) and <http://qudt.org/schema/qudt/numericalValue> some
[n551bf48d9e05405bb9d3d230e604f339b15^C](#) and
<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://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>

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/CE0N/ontology/textile/TextileProductDesignToBeDismantled
Sub Class Of	TextileProductDesignForDisassembly^C

Textile Product Designed For Better Use^C

IRI	http://w3id.org/CE0N/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
[n551bf48d9e05405bb9d3d230e604f339b26^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
[n551bf48d9e05405bb9d3d230e604f339b39^C](#) and
<http://qudt.org/schema/qudt/hasUnit> some <http://qudt.org/schema/qudt/Unit^C>
and <http://w3id.org/CEON/ontology/provenance/statementAbout> some
[n551bf48d9e05405bb9d3d230e604f339b35^C](#)

Textile Product Renewable Content^C

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

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

[biodegestionⁿⁱ](#)
[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](http://w3id.org/CEON/ontology/actorODP/ResourceRelation)

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/CE0N/ontology/textile/hasTextileProductType
Domain	TextileProduct ^c
Range	TextileProductType ^c

Water Property^{op}

IRI	http://w3id.org/CE0N/ontology/textile/hasWaterProperty
Sub Property Of	hasProperty ^{op}
Range	WaterProperty ^c

product composition disclosure availability^{op}

IRI	http://w3id.org/CE0N/ontology/textile/productCompositionDisclosureAvailability
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product composition disclosure validation^{op}

IRI	http://w3id.org/CE0N/ontology/textile/productCompositionDisclosureValidation
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recycling at same quality range^{op}

IRI	http://w3id.org/CE0N/ontology/textile/recyclingAtSameQualityRange
Sub Property Of	http://w3id.org/CE0N/ontology/quantity#objectValue

textile product design^{op}

IRI	http://w3id.org/CE0N/ontology/textile/textileProductDesign
Super Property Of	textileProductDesignForRecycling ^{op}

textile product design for recycling^{op}

IRI	http://w3id.org/CE0N/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/CE0N/ontology/textile/weightFractionOfDisclosedSubstances>

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	<ul style="list-style-type: none">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 designed 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/>

dc:terms

<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