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

_0.01perc [ni]
_0.1perc [ni]
_1perc [ni]

Availability [c]

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

Named Individuals

public [ni]
secrecyAgreement [ni]

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-pilling [ni]
antiStaticFinishing [ni]
antibacterialFinishing [ni]
coating [ni]
coatingAcrylic [ni]
coatingPU [ni]
coatingPVC [ni]
creaseResistance [ni]
enzymeFinishing [ni]
flameRetardant [ni]
mattingAgent [ni]
millWashing [ni]
millingAgent [ni]
naturalOiling [ni]
opticalBrighteners [ni]
permanentPress [ni]
prepareForDyeing [ni]
resins [ni]
silicones [ni]
soilRelease [ni]
stainResistance [ni]

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

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]
vatDye [ni]

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

_10to25Perc [ni]
_1to10Perc [ni]
_25to50Perc [ni]
_50-75Perc [ni]
_75to95Perc [ni]
above95Perc [ni]
lessThan1Perc [ni]

Mechanical Finishing [c]

IRI

`http://w3id.org/CEON/ontology/textile/MechanicalFinishing`

Sub Class Of

TextileFinishing [c]

Named Individuals

calendering [ni]
embossing [ni]
permanentCreasing [ni]
pre-shrinking [ni]
steaming [ni]
sueding [ni]

Post Consumer Recycled Content Interval [c]

IRI

`http://w3id.org/CEON/ontology/textile/PostConsumerRecycledContentInterval`

Sub Class Of

AmountIntervalValue [c]

Named Individuals

_0perc [ni]
_0to10Perc [ni]
_10to25Perc [ni]
_25to50Perc [ni]
_50-75Perc [ni]
_75to95Perc [ni]
above95Perc [ni]

Pre Consumer Recycled Content Interval [C]

IRI	`http://w3id.org/CEON/ontology/textile/PreConsumerRecycledContentInterval`
Sub Class Of	AmountIntervalValue [C]
Named Individuals	_0perc [ni]
	_0to10Perc [ni]
	_10to25Perc [ni]
	_25to50Perc [ni]
	_50-75Perc [ni]
	_75to95Perc [ni]
	above95Perc [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`
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
TextileProductRenewableContet ^C

Textile Data Sheet Update Statement ^C

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

Sub Class Of TextileDataSheetStatement ^C

Textile Finishing ^C

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

Sub Class Of TextileProperty ^C

In Range Of hasFinishing ^{op}

Super Class Of

ChemicalFinishing ^C
MechanicalFinishing ^C

Textile Manufacturer Statement ^C

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

Sub Class Of
TextileDataSheetStatement ^C

Textile Manufacturing Process ^C

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

In Range Of
hasTextileManufacturingProcess ^{op}

Super Class Of
DyeingProcess ^C
PrintingProcess ^C

Named Individuals
directDyed ⁿⁱ
dopeDyed ⁿⁱ
pieceDyed ⁿⁱ
topDyed ⁿⁱ
undyed ⁿⁱ
yarnDyed ⁿⁱ

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/numericalValue some
n5b815ec8d8b240c791f12a0360b29703b15 ^C *and*
http://w3id.org/CEON/ontology/actorODP/participatingObject some
http://w3id.org/CEON/ontology/resourceODP/Constituent ^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/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/participatingSubject some n5b815ec8d8b240c791f12a0360b29703b26 ^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/hasUnit some http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/numericalValue some n5b815ec8d8b240c791f12a0360b29703b39 ^C *and* http://w3id.org/CEON/ontology/provenance/statementAbout some n5b815ec8d8b240c791f12a0360b29703b35 ^C

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

biodigestion ⁿⁱ
biosphereCascading ⁿⁱ
homeComposting ⁿⁱ
incineration ⁿⁱ
industrialComposting ⁿⁱ

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`
Sub Class Of	http://w3id.org/CEON/ontology/actorODP/ResourceRelation
Equivalentclass	http://w3id.org/CEON/ontology/actorODP/participantRole value brand [c] *and* http://w3id.org/CEON/ontology/actorODP/ResourceRelation [c]

Reach Compliance [c]

IRI	`http://w3id.org/CEON/ontology/textile/REACHCompliance`
Sub Class Of	http://w3id.org/CEON/ontology/product/Compliance
Equivalentclass	http://w3id.org/CEON/ontology/product/complianceWith value REACH [c]

Object Properties

anticipated leakage during use [op]

IRI	`http://w3id.org/CEON/ontology/textile/anticipatedLeakageDuringUse`
Description	Percentage of the product content anticipated to become leakage during the use phase due to for example wear & tear, oxidation, erosion, etc.
Sub Property Of	hasProperty [op]

chemical substance disclosure threshold [op]

IRI	`http://w3id.org/CEON/ontology/textile/chemicalSubstanceDisclosureThreshold`
Range	TextileProductCompositionDisclosureStatement [c]

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

IRI	`http://w3id.org/CEON/ontology/textile/designedForRecyclingAtSameQuality`
Description	Percentage of the product that is designed for recycling at the same level of quality. The remainder of the materials is foreseen by the manufacturer to be recycled at a lower quality than the original content.
Sub Property Of	hasProperty ^{op}
Range	TextileProductDesignForRecycling ^c

disclosure value ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/disclosureValue`
Sub Property Of	http://w3id.org/CEON/ontology/quantity#objectValue
Domain	TextileChemicalSubstanceThresholdStatement ^c
Range	AmountThreshold ^c

has color ^{op}

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

Dye Method ^{op}

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

Dye Stuff ^{op}

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

has finishing ^{op}

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

Finishing Step ^{op}

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

has post consumer recycled content amount ^{op}

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

has pre consumer recycled content amount ^{op}

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

Print Finishing ^{op}

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

Print Method ^{op}

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

Print Stuff ^{op}

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

has property ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/hasProperty`

Super Property Of
- anticipatedLeakageDuringUse ^{op}
- desinged for recycling at the same level of quality ^{op}
- Dye Stuff ^{op}
- hasFinishing ^{op}
- Print Finishing ^{op}
- Print Stuff ^{op}
- Water Property ^{op}

Domain	http://w3id.org/CEON/ontology/datasheet/DataSheet
Range	http://w3id.org/CEON/ontology/provenance/Statement

has textile manufacturing process ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/hasTextileManufacturingProcess`

Super Property Of
- Dye Method ^{op}
- Finishing Step ^{op}
- Print Method ^{op}

Range	TextileManufacturingProcess ^c

has textile product type ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/hasTextileProductType`
Domain	TextileProduct ^c
Range	TextileProductType ^c

Water Property ^{op}

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

product composition disclosure availability ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/productCompositionDisclosureAvailability`

product composition disclosure validation ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/productCompositionDisclosureValidation`

recycling at same quality range ^{op}

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

textile product design ^{op}

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

textile product design for recycling ^{op}

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

weight fraction of disclosed substances ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/weightFractionOfDisclosedSubstances`

has origin ^{op}

IRI	`http://w3id.org/CEON/ontology/textile/hasOrigin`
Range	Origin^c

Datatype Properties

has type ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/hasType`
Description	Description of the kind of product.
Range	xsd:string

contains metal ^{dp}

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

Description The product contains metal.

Range xsd:boolean

includes trims ^{dp}

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

Description The product includes trims.

Range xsd:boolean

production site ^{dp}

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

Description The location where the product was produced.

Range xsd:string

C Emark ^{dp}

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

Description The product has theCE mark.

Sub Property Of certification ^{dp}

Range xsd:boolean

available information ^{dp}

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

Super Property Of
- biodegradabilityTestAvailable ^{dp}
- materialSafetyDataSheetAvailable ^{dp}
- materialSafetyDataSheetForDyeingAvailable ^{dp}
- materialSafetyDataSheetForFinishingAvailable ^{dp}
- technicalDataSheetAvailable ^{dp}

biodegradability test available ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/biodegradabilityTestAvailable`
Description	Biodegradability test is available.
Sub Property Of	availableInformation ^{dp}
Range	xsd:boolean

certification ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/certification`
Super Property Of	CEmark ^{dp}

chemical compliance ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/chemicalCompliance`

collection parameter ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/collectionParameter`
Super Property Of	collectionSystem ^{dp}

collection system ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/collectionSystem`
Description	The manufacturer/ industry association has a dedicated collection system in place to gather and deliver products for recycling.
Sub Property Of	collectionParameter ^{dp}
Range	xsd:boolean

design for properties ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/designForProperties`
Super Property Of	• designedForRecycling ^{dp} • designedForRefurbishment ^{dp} • designedForRemanufacturing ^{dp} • designedForReuse ^{dp}

design for recycling amounts ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designForRecyclingAmounts
Super Property Of	emissionByDesign ^{dp}

designed for recycling ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designedForRecycling
Description	The product is designed for recycling?e
Sub Property Of	designForProperties ^{dp}

designed for refurbishment ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designedForRefurbishment
Description	The product is desinged for refurbishment?
Sub Property Of	designForProperties ^{dp}

designed for remanufacturing ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designedForRemanufacturing
Description	The product is designed for remanufacturing?
Sub Property Of	designForProperties ^{dp}

designed for reuse ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designedForReuse
Sub Property Of	designForProperties ^{dp}
Super Property Of	designedForReuseWMinimalMod ^{dp}

designed for reuse w minimal mod ^{dp}

IRI	http://w3id.org/CEON/ontology/textile/designedForReuseWMinimalMod
Description	The product is designed for re-use as-is or with minimal modification.
Sub Property Of	designedForReuse ^{dp}

emission by design ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/emissionByDesign`
Description	The portion of the product known to be emitted into the environment during use is designed for that purpose.
Sub Property Of	designForRecyclingAmounts ^{dp}

finishing steps ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/finishingSteps`

material safety data sheet available ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/materialSafetyDataSheetAvailable`
Description	Material Safety Data Sheet for the product is available.
Sub Property Of	availableInformation ^{dp}
Range	xsd:boolean

material safety data sheet for dyeing available ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/materialSafetyDataSheetForDyeingAvailable`
Description	Material Safety Data Sheets for Dyeing are available.
Sub Property Of	availableInformation ^{dp}
Range	xsd:boolean

material safety data sheet for finishing available ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/materialSafetyDataSheetForFinishingAvailable`
Description	Material Safety Data Sheets for Finishing are available.
Sub Property Of	availableInformation ^{dp}
Range	xsd:boolean

technical data sheet available ^{dp}

IRI	`http://w3id.org/CEON/ontology/textile/technicalDataSheetAvailable`
Description	The Technical Data Sheet is available.
Sub Property Of	availableInformation ^{dp}
Range	xsd:boolean

Annotation Properties

C Fmapping ^{ap}

IRI	`http://w3id.org/CEON/ontology/textile/CFmapping`

Pcd Smapping ^{ap}

IRI	`http://w3id.org/CEON/ontology/textile/PCDSmapping`

Namespaces

:
`http://w3id.org/CEON/ontology/textile/`

dcterms
`http://purl.org/dc/terms/`

owl
`http://www.w3.org/2002/07/owl#`

prov
`http://www.w3.org/ns/prov#`

rdf
`http://www.w3.org/1999/02/22-rdf-syntax-ns#`

rdfs
`http://www.w3.org/2000/01/rdf-schema#`

vann
`http://purl.org/vocab/vann/`

xsd
`http://www.w3.org/2001/XMLSchema#`

Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties