

Circular Economy Ontology Network (CEON) - Textile Module

Metadata

IRI	http://w3id.org/CEON/demo/textile/
Title	Circular Economy Ontology Network (CEON) - Textile Module
Publisher	Onto-DESIDE
Creator	Huanyu Li
Contributor	Eva Blomqvist
Date Created	2023-09-14
Date Issued	2025-06-30
License	https://creativecommons.org/licenses/by/4.0/
Version Iri	http://w3id.org/CEON/demo/textile/0.2/
Version Info	0.2
Prior Version	0.1
Preferred Namespace Prefix	ceon-demo-textile
Preferred Namespace Uri	http://w3id.org/CEON/demo/textile/
Description	The Textile module of CEON (Circular Economy Ontology Network).

Classes

Actor Resource Role ^c	
IRI	http://w3id.org/CEON/ontology/actor/ActorResourceRole
Named Individuals	brand ⁿⁱ

Adhesive ^c	
IRI	http://w3id.org/CEON/ontology/textile/Adhesive
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Assembly Method^C

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

Named Individuals

[glued_assembly](#)ⁿⁱ
[heat_bonding_assembly](#)ⁿⁱ
[machine_assembly](#)ⁿⁱ
[manual_assembly](#)ⁿⁱ
[regular_stich_assembly](#)ⁿⁱ
[stiched_with_Resortec_thermo-dissolvable_stich_assembly](#)ⁿⁱ

Batch Of Textile Objects^C

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

Sub Class Of

<http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects>
[hasColor](#)^{op} only [Color](#)^C and [hasColor](#)^{op} some [Color](#)^C

Bio Derived Eva^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Brand Of Resource^C

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

Sub Class Of [actorODP:ResourceRelation](#)

Equivalentclass [actorODP:participantRole](#) value [brand](#)^C and [actorODP:ResourceRelation](#)^C

Cellulose Material^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Chemical Compliance^C

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

Sub Class Of <http://w3id.org/CEON/ontology/product/Compliance>

Super Class Of

[GRSCompliance](#)^C
[ZDHCCompliance](#)^C

Chemical Finishing^c

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

Sub Class Of [FinishingProcess^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](#)

Co Polymer Raisin^c

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Color^c

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

Sub Class Of [TextileProperty^c](#)

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

Named Individuals

- [blueⁿⁱ](#)
- [redⁿⁱ](#)
- [yellowⁿⁱ](#)

Cotton Material^c

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Disassembly Method^C

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

Named Individuals

[cut_lining_fabric_disassembly](#)ⁿⁱ
[cut_stitches_disassembly](#)ⁿⁱ
[manual_disassembly](#)ⁿⁱ
[peel_out_heel_counter_disassembly](#)ⁿⁱ
[solvent_separation_disassembly](#)ⁿⁱ

Double Adhesive Coated Material^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Dye Method^C

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

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

Named Individuals

[directDyed](#)ⁿⁱ
[dopeDyed](#)ⁿⁱ
[pieceDyed](#)ⁿⁱ
[topDyed](#)ⁿⁱ
[undyed](#)ⁿⁱ
[yarnDyed](#)ⁿⁱ

Dye Stuff^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

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

Named Individuals

[acidDye](#)ⁿⁱ
[anilineDye](#)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	TextileProductionProcess^c hasDyeMethod^{op} some DyeMethod^c and hasDyeMethod^{op} only DyeMethod^c hasDyeStuff^{op} some DyeStuff^c and hasDyeStuff^{op} only DyeStuff^c
In Domain Of	hasDyeMethod^{op}

Ethyl Vinyl Acetate Film^c

IRI	http://w3id.org/CEON/ontology/textile/EthylVinylAcetateFilm
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Ethyl Vinyl Acetate Resin^c

IRI	http://w3id.org/CEON/ontology/textile/EthylVinylAcetateResin
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Fabric Production^c

IRI	http://w3id.org/CEON/ontology/textile/FabricProduction
Sub Class Of	TextileProductionProcess^c

Finishing Process^c

IRI	http://w3id.org/CEON/ontology/textile/FinishingProcess
Sub Class Of	TextileProductionProcess^c
In Range Of	hasFinishing^{op} hasFinishingStep^{op}
Super Class Of	ChemicalFinishing^c MechanicalFinishing^c
Named Individuals	AdhesiveFinishingⁿⁱ SkivedFinishingⁿⁱ

Grs Compliance^C

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

Sub Class Of [ChemicalCompliance^C](#)

Equivalentclass <http://w3id.org/CEON/ontology/product/complianceWith> value [GRS^C](#)

Inorganic F Iller^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Leather Material^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

MsdS Compliance^C

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

Sub Class Of <http://w3id.org/CEON/ontology/product/Compliance>

Equivalentclass <http://w3id.org/CEON/ontology/product/complianceWith> value [MSDS^C](#)

Mechanical Finishing^C

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

Sub Class Of [FinishingProcess^C](#)

Named Individuals
[calendering_{ni}](#)
[embossing_{ni}](#)
[permanentCreasing_{ni}](#)
[pre-shrinking_{ni}](#)
[steaming_{ni}](#)
[sueding_{ni}](#)

Nylon^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Plastic Material^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Polyester^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Polyester Fibres^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Print Method^C

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

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

Named Individuals

- [batikPrintedⁿⁱ](#)
- [digitalPrintedⁿⁱ](#)
- [handPaintedⁿⁱ](#)
- [inkjetPrintedⁿⁱ](#)
- [rollerPrintedⁿⁱ](#)
- [screenPrintedⁿⁱ](#)
- [transferPrintedⁿⁱ](#)

Print Stuff^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

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

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	TextileProductionProcess^C hasPrintMethod^{op} only PrintMethod^C <i>and</i> hasPrintMethod^{op} some PrintMethod^C hasPrintStuff^{op} only PrintStuff^C <i>and</i> hasPrintStuff^{op} some PrintStuff^C
In Domain Of	hasPrintMethod^{op}

Raw Hide Processing^C

IRI	http://w3id.org/CEON/ontology/textile/RawHideProcessing
Sub Class Of	TextileProductionProcess^C

Raw Material Production^C

IRI	http://w3id.org/CEON/ontology/textile/RawMaterialProduction
Sub Class Of	TextileProductionProcess^C

Recycled Pes Fibres^C

IRI	http://w3id.org/CEON/ontology/textile/RecycledPESFibres
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Recycled Polyester^C

IRI	http://w3id.org/CEON/ontology/textile/RecycledPolyester
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Rubber^C

IRI	http://w3id.org/CEON/ontology/textile/Rubber
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Single Adhesive Coated Material^C

IRI	http://w3id.org/CEON/ontology/textile/SingleAdhesiveCoatedMaterial
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Spinning Process^C

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

Sub Class Of [TextileProductionProcess^C](#)

Styrene Butadiene Latex^C

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

Sub Class Of <http://w3id.org/CEON/ontology/material/Material>

Textile Chemical Substance Threshold Statement^C

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

Sub Class Of <http://w3id.org/CEON/ontology/statement/DisclosedChemicalSubstanceStatement>
[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 <http://w3id.org/CEON/ontology/resourceODP/isAbout> some [TextileDataSheet^C](#)
[hasProperty^{op}](#) 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/statement/Statement>

Super Class Of

- [TextileChemicalSubstanceThresholdStatement^C](#)
- [TextileDataSheetIssuingStatement^C](#)
- [TextileDataSheetUpdateStatement^C](#)
- [TextileManufacturerStatement^C](#)
- [TextileManufacturingSiteStatement^C](#)
- [TextilePostConsumerRecycledCompositionStatement^C](#)
- [TextilePostConsumerRecycledContentWeightStatement^C](#)
- [TextilePreConsumerRecycledCompositionStatement^C](#)
- [TextilePreConsumerRecycledContentWeightStatement^C](#)
- [TextileProductCertification^C](#)
- [TextileProductComponentStatement^C](#)
- [TextileProductCompositionDisclosureStatement^C](#)
- [TextileProductCompositionOfConcern^C](#)
- [TextileProductCompositionWeightFraction^C](#)
- [TextileProductDataSheet^C](#)
- [TextileProductDesignForDisassembly^C](#)
- [TextileProductDesignForDismantling^C](#)
- [TextileProductDesignForRecycling^C](#)
- [TextileProductDesignForRefurbishment^C](#)
- [TextileProductDesignForRemanufacturing^C](#)
- [TextileProductDesignForReuseMethod^C](#)
- [TextileProductDesignedForBetterUse^C](#)
- [TextileProductManufacturingMethod^C](#)
- [TextileProductRenewableContent^C](#)

Textile Data Sheet Update Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Manufacturer Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Manufacturing Site Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Post Consumer Recycled Composition Statement^C

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

Sub Class Of [TextileDataSheetStatement^C](#)

Textile Post Consumer Recycled Content Weight Statement^C

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

Sub Class Of <http://w3id.org/CEON/ontology/statement/MFOfPostConsumerRecycledMaterialContentStatement>
[TextileDataSheetStatement^C](#)

Textile Pre Consumer Recycled Composition Statement^C

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

Sub Class Of <http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionStatement>
[TextileDataSheetStatement^C](#)

Textile Pre Consumer Recycled Content Weight Statement^C

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

Sub Class Of <http://w3id.org/CEON/ontology/statement/MFOfPreConsumerRecycledMaterialContentStatement>
[TextileDataSheetStatement^C](#)

Textile Product^C

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

Sub Class Of <http://w3id.org/CEON/ontology/product/Product>
[hasColor^{op}](#) only [Color^C](#) *and* [hasColor^{op}](#) some [Color^C](#)
[hasOrigin^{op}](#) some [TextileProductOrigin^C](#) *and* [hasOrigin^{op}](#) only [TextileProductOrigin^C](#)
[hasTextileProductType^{op}](#) only [TextileProductType^C](#) *and* [hasTextileProductType^{op}](#) some [TextileProductType^C](#)

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

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 actorODP:ResourceParticipation actorODP:participatingSubject some TextileProduct^C and actorODP:participatingObject some http://w3id.org/CEON/ontology/resourceODP/Constituent^C
In Domain Of	hasTextileProductComponentValue^{op}
Restriction	hasTextileProductComponentValue^{op} <i>max</i> 1 TextileProductComponentRelation^C

Textile Product Component Statement^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductComponentStatement
Sub Class Of	TextileDataSheetStatement^C http://w3id.org/CEON/ontology/statement/statementAbout <i>max</i> 1 TextileProductMatterCompositionRelation^C or http://w3id.org/CEON/ontology/statement/statementAbout <i>max</i> 1 TextileProductComponentRelation^C

Textile Product Component Value^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductComponentValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/numericalValue^{dp} some n8313626b25354254ab33fa45f5d0e4f6b70^C and http://qudt.org/schema/qudt/hasUnit some http://qudt.org/schema/qudt/Unit^C
In Range Of	hasTextileProductComponentValue^{op}

Textile Product Composition Disclosure Statement^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductCompositionDisclosureStatement
Sub Class Of	http://w3id.org/CEON/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement TextileDataSheetStatement^C

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 <http://w3id.org/CEON/ontology/statement/DisassemblyStatement>
[TextileDataSheetStatement^c](#)

In Domain Of [designedForUsingReversibleConnector^{dp}](#)

Super Class Of [TextileProductDesignToBeCleanlyRemoved^c](#)
[TextileProductDesignToBeDismantled^c](#)

Textile Product Design For Dismantling^c

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

Sub Class Of <http://w3id.org/CEON/ontology/statement/DismantlingStatement>
[TextileDataSheetStatement^c](#)

Textile Product Design For Recycling^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductDesignForRecycling
Sub Class Of	http://w3id.org/CEON/ontology/statement/RecyclingStatement TextileDataSheetStatement^C
In Range Of	desinged for recycling at the same level of quality^{Op}
Restriction	http://w3id.org/CEON/ontology/statement/statementAbout some TextileProductDesignForRecycling^C http://w3id.org/CEON/ontology/statement/statementAbout 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
In Domain Of	designForBetterUse^{dp}

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 actorODP:ResourceParticipation actorODP:participatingObject some <a href="http://w3id.org/CEON/ontology/resourceODP/Matter<sup>C</sup>">http://w3id.org/CEON/ontology/resourceODP/Matter^C and actorODP:participatingSubject some n8313626b25354254ab33fa45f5d0e4f6b83^C
In Domain Of	hasTextileProductMatterCompositionValue^{op}
Restriction	hasTextileProductMatterCompositionValue^{op} <i>max</i> 1 TextileProductMatterCompositionRelation^C

Textile Product Matter Composition Value^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductMatterCompositionValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue <a href="http://qudt.org/schema/qudt/numericalValue<sup>dp</sup>">http://qudt.org/schema/qudt/numericalValue^{dp} some n8313626b25354254ab33fa45f5d0e4f6b92^C and http://qudt.org/schema/qudt/hasUnit some <a href="http://qudt.org/schema/qudt/Unit<sup>C</sup>">http://qudt.org/schema/qudt/Unit^C
In Range Of	hasTextileProductMatterCompositionValue^{op}

Textile Product Object^C

IRI	http://w3id.org/CEON/ontology/textile/TextileProductObject
Sub Class Of	http://w3id.org/CEON/ontology/product/Item hasColor^{op} only Color^C and hasColor^{op} some Color^C

Textile Product Origin^C

IRI	http://w3id.org/CE0N/ontology/textile/TextileProductOrigin
In Range Of	hasOrigin ^{op}
Named Individuals	original ⁿⁱ recycled ⁿⁱ reused ⁿⁱ

Textile Product Recycled Content^C

IRI	http://w3id.org/CE0N/ontology/textile/TextileProductRecycledContent
Sub Class Of	http://qudt.org/schema/qudt/Quantity actorODP:ResourceParticipation
In Domain Of	containsHazardousSubstanceAbove0.1ForPostConsumerRecycledContent ^{dp} containsHazardousSubstanceAbove0.1ForPreConsumerRecycledContent ^{dp}
Restriction	hasTextileProductRecycledContentValue ^{op} <i>max</i> 1 TextileProductRecycledContent ^C

Textile Product Recycled Content Value^C

IRI	http://w3id.org/CE0N/ontology/textile/TextileProductRecycledContentValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/numericalValue ^{dp} some n8313626b25354254ab33fa45f5d0e4f6b106 ^C and http://qudt.org/schema/qudt/hasUnit some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasTextileProductRecycledContentValue ^{op}

Textile Product Renewable Content^C

IRI	http://w3id.org/CE0N/ontology/textile/TextileProductRenewableContent
Sub Class Of	http://qudt.org/schema/qudt/Quantity actorODP:ResourceParticipation
In Domain Of	renewableContentManagedInSustainableWay ^{dp}
Restriction	hasTextileProductRenewableContentValue ^{op} <i>max</i> 1 TextileProductRenewableContent ^C

Textile Product Renewable Content Value^c

IRI	http://w3id.org/CEON/ontology/textile/TextileProductRenewableContentValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/numericalValue ^{dp} some http://qudt.org/schema/qudt/Unit ^c and http://qudt.org/schema/qudt/hasUnit some http://qudt.org/schema/qudt/Unit ^c
In Range Of	hasTextileProductRenewableContentValue ^{op}

Textile Product Renewable Contet^c

IRI	http://w3id.org/CEON/ontology/textile/TextileProductRenewableContet
Sub Class Of	http://w3id.org/CEON/ontology/statement/MassFractionOfRenewableMaterialStatement TextileDataSheetStatement ^c
Restriction	http://w3id.org/CEON/ontology/statement/statementAbout some TextileProductRenewableContet ^c http://w3id.org/CEON/ontology/statement/statementAbout some TextileProductRenewableContet ^c

Textile Product To Leakage Statement^c

IRI	http://w3id.org/CEON/ontology/textile/TextileProductToLeakageStatement
Sub Class Of	http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/ontology/statement/50gt-75le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/demo/textile/0ge-1le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/ontology/statement/75gt-95le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/ontology/statement/25gt-50le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/demo/textile/95gt-100le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/ontology/statement/10gt-25le ^c or hasFractionOfProductToLeakageDuringUse ^{op} value http://w3id.org/CEON/demo/textile/1gt-10le ^c
In Domain Of	hasFractionOfProductToLeakageDuringUse ^{op}

Textile Product Type^C

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

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

Named Individuals

- [heel_counter_toe_puff_areaⁿⁱ](#)
- [insoleⁿⁱ](#)
- [lacesⁿⁱ](#)
- [midsoleⁿⁱ](#)
- [outsoleⁿⁱ](#)
- [rubber_layerⁿⁱ](#)
- [shoeⁿⁱ](#)
- [soleⁿⁱ](#)
- [upper_part_fabricⁿⁱ](#)
- [upper_shoe_componentⁿⁱ](#)

Textile Product Virgin Content Value^C

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

Sub Class Of <http://qudt.org/schema/qudt/QuantityValue>

Textile Production Process^C

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

Sub Class Of <http://w3id.org/CEON/ontology/processODP/Process>

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

Super Class Of

- [DyeingProcess^C](#)
- [FabricProduction^C](#)
- [FinishingProcess^C](#)
- [PrintingProcess^C](#)
- [RawHideProcessing^C](#)
- [RawMaterialProduction^C](#)
- [SpinningProcess^C](#)
- [TrimProduction^C](#)

Textile Property^C

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

Sub Class Of <http://w3id.org/CEON/ontology/resourceODP/ResourceProperty>

Super Class Of

- [Color^C](#)
- [WaterProperty^C](#)

Textile Recycling Process^C

IRI	http://w3id.org/CEON/ontology/textile/TextileRecyclingProcess
Sub Class Of	http://w3id.org/CEON/ontology/processODP/Process
Named Individuals	biodigestionⁿⁱ biosphereCascadingⁿⁱ homeCompostingⁿⁱ incinerationⁿⁱ industrialCompostingⁿⁱ

Trim Production^C

IRI	http://w3id.org/CEON/ontology/textile/TrimProduction
Sub Class Of	TextileProductionProcess^C

Water Property^C

IRI	http://w3id.org/CEON/ontology/textile/WaterProperty
Sub Class Of	TextileProperty^C
In Range Of	hasWaterProperty^{op}
Named Individuals	Water repellentⁿⁱ Water resistantⁿⁱ Waterproofⁿⁱ

Zdhc Compliance^C

IRI	http://w3id.org/CEON/ontology/textile/ZDHCCompliance
Sub Class Of	ChemicalCompliance^C
Equivalentclass	http://w3id.org/CEON/ontology/product/complianceWith value ZDHC^C

Object Properties

associated process for property^{op}

IRI	http://w3id.org/CEON/ontology/textile/associatedProcessForProperty
Domain	http://w3id.org/CEON/ontology/processODP/Process
Range	http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

object value^{op}

IRI <http://w3id.org/CEON/ontology/quantity#objectValue>

Super Property Of

- [disclosureValue^{op}](#)
- [recyclingAtSameQualityRange^{op}](#)

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}](#)

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

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

Description

Percentage of the product that is designed for recycling at the same level of quality. The remainder of the materials is foreseen by the manufacturer to be recycled at a lower quality than the original content.

Sub Property Of <http://qudt.org/schema/qudt/quantityValue>

Range [TextileProductDesignForRecycling^c](#)

disclosure value^{op}

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

Sub Property Of <http://w3id.org/CEON/ontology/quantity#objectValue^{op}>

Domain [TextileChemicalSubstanceThresholdStatement^c](#)

has assembly method^{op}

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

has color^{op}

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

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

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

Range [Color^c](#)

has disassembly method^{op}

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

has dye method^{op}

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

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

Domain [DyeingProcess](#)^c

Range [DyeMethod](#)^c

has dye stuff^{op}

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

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

Range [DyeStuff](#)^c

has finishing^{op}

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

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

Range [FinishingProcess](#)^c

has finishing step^{op}

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

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

Range [FinishingProcess](#)^c

has fraction of product to leakage during use^{op}

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

Sub Property Of <http://w3id.org/CEON/ontology/statement/hasQuantityInterval>

Domain [TextileProductToLeakageStatement](#)^c

Range <http://w3id.org/CEON/ontology/quantity#QuantityInterval>

has origin^{op}

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

Domain [TextileProductObject^c](#) or [TextileProduct^c](#)

Range [TextileProductOrigin^c](#)

has post consumer recycled content amount^{op}

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

Sub Property Of <http://w3id.org/CE0N/ontology/product/hasComposition>

has pre consumer recycled content amount^{op}

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

Sub Property Of <http://w3id.org/CE0N/ontology/product/hasComposition>

Print Finishing^{op}

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

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

has print method^{op}

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

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

Domain [PrintingProcess^c](#)

Range [PrintMethod^c](#)

has print stuff^{op}

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

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

Range [PrintStuff^c](#)

has property^{op}

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

Super Property Of

- [anticipatedLeakageDuringUse^{op}](#)
- [hasColor^{op}](#)
- [hasDyeStuff^{op}](#)
- [hasFinishing^{op}](#)
- [Print Finishing^{op}](#)
- [hasPrintStuff^{op}](#)
- [hasWaterProperty^{op}](#)

has textile product component value^{op}

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

Sub Property Of <http://qudt.org/schema/qudt/quantityValue>

Domain [TextileProductComponentRelation^c](#)

Range [TextileProductComponentValue^c](#)

has textile product matter composition value^{op}

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

Sub Property Of <http://qudt.org/schema/qudt/quantityValue>

Domain [TextileProductMatterCompositionRelation^c](#)

Range [TextileProductMatterCompositionValue^c](#)

has textile product recycled content value^{op}

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

Sub Property Of <http://qudt.org/schema/qudt/quantityValue>

Range [TextileProductRecycledContentValue^c](#)

has textile product renewable content value^{op}

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

Sub Property Of <http://qudt.org/schema/qudt/quantityValue>

Range [TextileProductRenewableContentValue^c](#)

has textile product type^{op}

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

has textile production process^{op}

IRI	http://w3id.org/CEON/ontology/textile/hasTextileProductionProcess
Super Property Of	hasFinishingStep^{op}
Domain	TextileProduct^c
Range	TextileProductionProcess^c

has 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
Range	http://w3id.org/CEON/ontology/statement/Availability

product composition disclosure validation^{op}

IRI	http://w3id.org/CEON/ontology/textile/productCompositionDisclosureValidation
Range	http://w3id.org/CEON/ontology/statement/Validation

recycling at same quality range^{op}

IRI	http://w3id.org/CEON/ontology/textile/recyclingAtSameQualityRange
Sub Property Of	http://w3id.org/CEON/ontology/quantity#objectValue^{op}

textile product design for recycling^{op}

IRI	http://w3id.org/CEON/ontology/textile/textileProductDesignForRecycling
------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

Datatype Properties

numerical value^{dp}

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

available information^{dp}

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

Super Property Of

- [biodegradabilityTestAvailable](#)^{dp}
- [isMaterialSafetyDataSheetForDyeingAvailable](#)^{dp}
- [isMaterialSafetyDataSheetForFinishingAvailable](#)^{dp}
- [isMaterialSafetyDataSheetForProductAvailable](#)^{dp}
- [isTechnicalDataSheetAvailable](#)^{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](#)

contains hazardous substance above0.1for post consumer recycled content^{dp}

IRI <http://w3id.org/CE0N/ontology/textile/containsHazardousSubstanceAbove0.1ForPostConsumerRecycledContent>

Domain

[TextileProductRecycledContent](#)^c

Range

[xsd:boolean](#)

contains hazardous substance above0.1for pre consumer recycled content^{dp}

IRI <http://w3id.org/CE0N/ontology/textile/containsHazardousSubstanceAbove0.1ForPreConsumerRecycledContent>

Domain

[TextileProductRecycledContent](#)^c

Range

[xsd:boolean](#)

contains metal^{dp}

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

Description

The product contains metal.

Range

[xsd:boolean](#)

design for better use^{dp}

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

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

Super Property Of

- [designedForActivelyPositiveImpact](#)^{dp}
- [impossibleForMaintenanceOrRepair](#)^{dp}
- [isConsumablesEasilyReplacedByUntrainedPerson](#)^{dp}
- [isMaintainedOrRepairedByTrainedPerson](#)^{dp}
- [isMaintainedOrRepairedByUntrainedPerson](#)^{dp}
- [isSparePartsAvailable](#)^{dp}
- [needsMaintenanceOrRepair](#)^{dp}
- [withoutHarmfulDispersionOrEmission](#)^{dp}

Domain [TextileProductDesignedForBetterUse](#)^c

Range [xsd:boolean](#)

design for demounting^{dp}

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

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

Range [xsd:boolean](#)

design for properties^{dp}

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

Super Property Of

- [designForDemounting](#)^{dp}
- [designedForCleanBiodigestion](#)^{dp}
- [designedForCleanIncinerationPyrolysis](#)^{dp}
- [designedForCompostingInHomeComposter](#)^{dp}
- [designedForCompostingInIndustrialFacility](#)^{dp}
- [designedForCyclingInTechnicalCycle](#)^{dp}
- [designedForFullBiodegradability](#)^{dp}
- [designedForIndustrialCascading](#)^{dp}
- [designedForRecycling](#)^{dp}
- [designedForRefurbishment](#)^{dp}
- [designedForRemanufacturing](#)^{dp}
- [designedForReuse](#)^{dp}
- [designedForReuseWithMinimalModification](#)^{dp}
- [designedForUsingReversibleConnector](#)^{dp}

Range [xsd:boolean](#)

design for recycling amounts^{dp}

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

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

designed for actively positive impact^{dp}

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

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

designed for clean biodigestion^{dp}

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

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

Range [xsd:boolean](#)

designed for clean incineration pyrolysis^{dp}

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

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

designed for composting in home composter^{dp}

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

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

Range [xsd:boolean](#)

designed for composting in industrial facility^{dp}

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

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

Range [xsd:boolean](#)

designed for cycling in technical cycle^{dp}

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

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

Range [xsd:boolean](#)

designed for full biodegradability^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForFullBiodegradability
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for industrial cascading^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForIndustrialCascading
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for recycling^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForRecycling
Description	The product is designed for recycling?
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for refurbishment^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForRefurbishment
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for remanufacturing^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForRemanufacturing
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for reuse^{dp}

IRI	http://w3id.org/CE0N/ontology/textile/designedForReuse
Sub Property Of	designForProperties ^{dp}
Range	xsd:boolean

designed for reuse with minimal modification^{dp}

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

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

Range [xsd:boolean](#)

designed for using reversible connector^{dp}

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

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

Domain [TextileProductDesignForDisassembly](#)^c

Range [xsd:boolean](#)

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}

has biodegradability test^{dp}

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

Range [xsd:anyURI](#)

has cas number^{dp}

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

has chemical compliance^{dp}

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

has collection parameter^{dp}

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

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

has company name^{dp}

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

Sub Property Of <http://w3id.org/CEON/ontology/actor/hasOrganisationName>

Range [xsd:string](#)

has contained substance from reach very high concern list^{dp}

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

Range [xsd:anyURI](#)

has country specific corporate identification number^{dp}

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

Range [xsd:string](#)

has finishing steps^{dp}

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

has product id code^{dp}

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

Range [xsd:string](#)

has textile type^{dp}

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

Description Description of the kind of textile product.

Range [xsd:string](#)

impossible for maintenance or repair^{dp}

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

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

includes trims^{dp}

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

Description The product includes trims.

Range [xsd:boolean](#)

is ce marked^{dp}

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

Description The product has theCE mark.

Sub Property Of <http://w3id.org/CEON/ontology/product/hasCertificate>

Range [xsd:boolean](#)

is collection system available^{dp}

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

Description The manufacturer/ industry association has a dedicated collection system in place to gather and deliver products for recycling.

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

Range [xsd:boolean](#)

is consumables easily replaced by untrained person^{dp}

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

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

is contained substance from reach very high concern list^{dp}

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

Range [xsd:boolean](#)

is contained substance in cmr harmonized classification^{dp}

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

Range [xsd:boolean](#)

is maintained or repaired by trained person^{dp}

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

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

Range [xsd:boolean](#)

is maintained or repaired by untrained person^{dp}

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

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

Range [xsd:boolean](#)

is material safety data sheet for dyeing available^{dp}

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

Description Material Safety Data Sheets for Dyeing are available.

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

Range [xsd:boolean](#)

is material safety data sheet for finishing available^{dp}

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

Description Material Safety Data Sheets for Finishing are available.

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

Range [xsd:boolean](#)

is material safety data sheet for product available^{dp}

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

Description Material Safety Data Sheet for the product is available.

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

Range [xsd:boolean](#)

is restricted substance contained out of reachxvii^{dp}

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

Range [xsd:boolean](#)

is spare parts available^{dp}

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

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

is technical data sheet available^{dp}

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

Description The Technical Data Sheet is available.

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

Range [xsd:boolean](#)

is warned under california proposition65^{dp}

IRI <http://w3id.org/CEON/ontology/textile/isWarnedUnderCaliforniaProposition65>

Range [xsd:boolean](#)

needs maintenance or repair^{dp}

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

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

Range [xsd:boolean](#)

renewable content managed in sustainable way^{dp}

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

Sub Property Of <http://w3id.org/CEON/ontology/product/hasCertificate>

Domain [TextileProductRenewableContent](#)^c

Range [xsd:boolean](#)

with public declaration of hazardous substances based on standard regulation^{dp}

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

Range [xsd:boolean](#)

without harmful dispersion or emission^{dp}

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

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

without known hazardous substance based on standard regulation^{dp}

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

Range [xsd:boolean](#)

Annotation Properties

has maximal value included of interval^{ap}

IRI <http://w3id.org/CE0N/ontology/quantity#hasMaximalValueIncludedOfInterval>

has minimal value included of interval^{ap}

IRI <http://w3id.org/CE0N/ontology/quantity#hasMinimalValueIncludedOfInterval>

has minimal value not included of interval^{ap}

IRI <http://w3id.org/CE0N/ontology/quantity#hasMinimalValueNotIncludedOfInterval>

Ld Tmapping^{ap}

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

Range [xsd:string](#)

Pcd Smapping^{ap}

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

Namespaces

:

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

actorODP

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

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