Circular Economy Ontology Network (CEON) - Electronics Module

Metadata

IRI

http://w3id.org/CEON/demo/electronics/

Title

Circular Economy Ontology Network (CEON) - Electronics Module

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Version Iri

http://w3id.org/CEON/demo/electronics/0.2/

Version Info

0.2

Prior Version

0.1

Preferred Namespace Prefix

ceon-demo-electronics

Preferred Namespace Uri

http://w3id.org/CEON/demo/electronics/

Description

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

Classes

Derived Unit [C]

IRI	http://qudt.org/schema/qudt/DerivedUnit
Is Defined By	http://qudt.org/2.1/schema/qudt
Description	A DerivedUnit is a type specification for units that are derived from other units.
Sub Class Of	http://qudt.org/schema/qudt/Unit
Named Individuals	pascal second [ni]

Actinoids Metal ^C

IRI   http://w3id.org/CEON/demo/electronics/ActinoidsMetal

Sub Class Of   MetalMaterial^C

Adhesive Material ^C

IRI   http://w3id.org/CEON/demo/electronics/AdhesiveMaterial

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

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Alkali Metal ^C

IRI   http://w3id.org/CEON/demo/electronics/AlkaliMetal

Sub Class Of   MetalMaterial^C

Alkaline Earth Metal ^C

IRI   http://w3id.org/CEON/demo/electronics/AlkalineEarthMetal

Sub Class Of   MetalMaterial^C

Aluminum Dome Tweeter ^C

IRI   http://w3id.org/CEON/demo/electronics/AluminumDomeTweeter

Sub Class Of   ElectronicsProduct^C

Bromide Material ^C

IRI   http://w3id.org/CEON/demo/electronics/BromideMaterial

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

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Catalyst Composition ^C

IRI   http://w3id.org/CEON/demo/electronics/CatalystComposition

Sub Class Of   http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/product/MatterComposition

In Domain Of   hasCatalystCompositionValue^{op}

Restriction   hasCatalystCompositionValue^{op} only CatalystComposition^C

Catalyst Composition Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/CatalystCompositionValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasCatalystCompositionValue^{op}

Catalyst Material ^C

IRI	`http://w3id.org/CEON/demo/electronics/CatalystMaterial`
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Chemical Element Composition ^C

IRI	`http://w3id.org/CEON/demo/electronics/ChemicalElementComposition`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/product/MatterComposition
In Domain Of	hasChemicalElementCompositionValue^{op}
Restriction	hasChemicalElementCompositionValue^{op} only ChemicalElementComposition^c

Chemical Element Composition Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/ChemicalElementCompositionValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasChemicalElementCompositionValue^{op}
Restriction	http://qudt.org/schema/qudt/hasUnit^{op} value ChemicalElementCompositionValue^c

Conductivity ^C

IRI	`http://w3id.org/CEON/demo/electronics/Conductivity`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasConductivityValue^{op}
In Range Of	hasConductivity^{op}
Restriction	hasConductivityValue^{op} only Conductivity^c

Conductivity Value ^C

IRI　　　　　　　http://w3id.org/CEON/demo/electronics/ConductivityValue

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
and http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C

In Range Of　　　hasConductivityValue ^{op}

Restriction　　　http://qudt.org/schema/qudt/numericValue only ConductivityValue ^C

Core Material ^C

IRI　　　　　　　http://w3id.org/CEON/demo/electronics/CoreMaterial

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

Coupling Cone ^C

IRI　　　　　　　http://w3id.org/CEON/demo/electronics/CouplingCone

Sub Class Of　　ElectronicsProduct ^C

Damper ^C

IRI　　　　　　　http://w3id.org/CEON/demo/electronics/Damper

Sub Class Of　　ElectronicsProduct ^C

Named Individuals　damper_x ⁿⁱ

Density At25 ^C

IRI　　　　　　　http://w3id.org/CEON/demo/electronics/DensityAt25

Sub Class Of

http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of　　hasDensityAt25Value ^{op}

In Range Of　　　hasDensityAt25 ^{op}

Restriction　　　hasDensityAt25Value ^{op} only DensityAt25 ^C

Density At25Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/DensityAt25Value`

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^c
and http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^c

In Range Of   hasDensityAt25Value^{op}

Restriction   http://qudt.org/schema/qudt/numericValue only DensityAt25Value^C

Depth ^C

IRI   `http://w3id.org/CEON/demo/electronics/Depth`

Sub Class Of

http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of   hasDepthValue^{op}

In Range Of   hasDepth^{op}

Restriction   hasDepthValue^{op} only Depth^C

Depth Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/DepthValue`

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^c
and http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^c

In Range Of   hasDepthValue^{op}

Restriction   http://qudt.org/schema/qudt/numericValue only DepthValue^C

Diameter ^C

IRI   `http://w3id.org/CEON/demo/electronics/Diameter`

Sub Class Of

http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of   hasDiameterValue^{op}

In Range Of   hasDiameter^{op}

Restriction   hasDiameterValue^{op} only Diameter^C

Diameter Value [C]

IRI	`http://w3id.org/CEON/demo/electronics/DiameterValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit [op] only http://qudt.org/schema/qudt/Unit [C] *and* http://qudt.org/schema/qudt/hasUnit [op] some http://qudt.org/schema/qudt/Unit [C]
In Range Of	hasDiameterValue [op]
Restriction	http://qudt.org/schema/qudt/numericValue only DiameterValue [C]

Double Magnet [C]

IRI	`http://w3id.org/CEON/demo/electronics/DoubleMagnet`
Sub Class Of	ElectronicsProduct [C]
Super Class Of	Frame [C]

Electronics Product [C]

IRI	`http://w3id.org/CEON/demo/electronics/ElectronicsProduct`
Sub Class Of	http://w3id.org/CEON/ontology/product/Product
Super Class Of	AluminumDomeTweeter [C] CouplingCone [C] Damper [C] DoubleMagnet [C] NeodymiumMagnet [C] Speaker [C]

Electronics Product Sourcing Component Relation [C]

IRI	`http://w3id.org/CEON/demo/electronics/ElectronicsProductSourcingComponentRelation`
Sub Class Of	http://w3id.org/CEON/ontology/provenance/Statement [C]

Fastening Method [C]

IRI	`http://w3id.org/CEON/demo/electronics/FasteningMethod`
Named Individuals	PressFitOrFriction [ni]

Fiber Elongation At Break ^C

IRI	http://w3id.org/CEON/demo/electronics/FiberElongationAtBreak
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasFiberElongationAtBreakValue ^{op}
In Range Of	hasFiberElongationAtBreak ^{op}
Restriction	hasFiberElongationAtBreakValue ^{op} only FiberElongationAtBreak ^C

Fiber Elongation At Break Value ^C

IRI	http://w3id.org/CEON/demo/electronics/FiberElongationAtBreakValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasFiberElongationAtBreakValue ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only FiberElongationAtBreakValue ^C

Fiber Volume Content ^C

IRI	http://w3id.org/CEON/demo/electronics/FiberVolumeContent
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasFiberVolumeContentValue ^{op}
In Range Of	hasFiberVolumeContent ^{op}
Restriction	hasFiberVolumeContentValue ^{op} only FiberVolumeContent ^C

Fiber Volume Content Value ^C

IRI	http://w3id.org/CEON/demo/electronics/FiberVolumeContentValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasFiberVolumeContentValue ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only FiberVolumeContentValue ^C

Fibre Material [C]

IRI http://w3id.org/CEON/demo/electronics/FibreMaterial

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

Flame Retardant Material [C]

IRI http://w3id.org/CEON/demo/electronics/FlameRetardantMaterial

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

Frame [C]

IRI http://w3id.org/CEON/demo/electronics/Frame

Sub Class Of DoubleMagnet [C]

Hardener Material [C]

IRI http://w3id.org/CEON/demo/electronics/HardenerMaterial

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

Hazardous Material Percentage [C]

IRI http://w3id.org/CEON/demo/electronics/HazardousMaterialPercentage

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

In Range Of hasHazardousMaterial [op]

Restriction
http://qudt.org/schema/qudt/hasUnit [op] value HazardousMaterialPercentage [C]
http://qudt.org/schema/qudt/numericValue only HazardousMaterialPercentage [C]

Lca Acidification [C]

IRI http://w3id.org/CEON/demo/electronics/LCAAcidification

Sub Class Of
LCAValue [C]
http://qudt.org/schema/qudt/hasUnit [op] only LCAUnit [C] and
http://qudt.org/schema/qudt/hasUnit [op] some LCAUnit [C]

Restriction http://qudt.org/schema/qudt/numericValue only LCAAcidification [C]

Lca Climate Change ^C

IRI http://w3id.org/CEON/demo/electronics/LCAClimateChange

Sub Class Of

LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAClimateChange ^C

Lca Climate Change Biogenic ^C

IRI http://w3id.org/CEON/demo/electronics/LCAClimateChangeBiogenic

Sub Class Of

LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAClimateChangeBiogenic ^C

Lca Climate Change Fossil ^C

IRI http://w3id.org/CEON/demo/electronics/LCAClimateChangeFossil

Sub Class Of

LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAClimateChangeFossil ^C

Lca Ecotoxicity Fresh Water ^C

IRI http://w3id.org/CEON/demo/electronics/LCAEcotoxicityFreshWater

Sub Class Of

LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAEcotoxicityFreshWater ^C

Lca Eutrophication Fresh Water ^C

IRI

`http://w3id.org/CEON/demo/electronics/LCAEutrophicationFreshWater`

Sub Class Of

LCAValue^C
http://qudt.org/schema/qudt/hasUnit^{op} some LCAUnit^C *and*
http://qudt.org/schema/qudt/hasUnit^{op} only LCAUnit^C

Restriction

http://qudt.org/schema/qudt/numericValue only LCAEutrophicationFreshWater^C

Lca Eutrophication Marine ^C

IRI

`http://w3id.org/CEON/demo/electronics/LCAEutrophicationMarine`

Sub Class Of

LCAValue^C
http://qudt.org/schema/qudt/hasUnit^{op} only LCAUnit^C *and*
http://qudt.org/schema/qudt/hasUnit^{op} some LCAUnit^C

Restriction

http://qudt.org/schema/qudt/numericValue only LCAEutrophicationMarine^C

Lca Human Toxicity Cancer ^C

IRI

`http://w3id.org/CEON/demo/electronics/LCAHumanToxicityCancer`

Sub Class Of

LCAValue^C
http://qudt.org/schema/qudt/hasUnit^{op} some LCAUnit^C *and*
http://qudt.org/schema/qudt/hasUnit^{op} only LCAUnit^C

Restriction

http://qudt.org/schema/qudt/numericValue only LCAHumanToxicityCancer^C

Lca Lonising Radition Human Health ^C

IRI

`http://w3id.org/CEON/demo/electronics/LCALonisingRaditionHumanHealth`

Sub Class Of

LCAValue^C
http://qudt.org/schema/qudt/hasUnit^{op} only LCAUnit^C *and*
http://qudt.org/schema/qudt/hasUnit^{op} some LCAUnit^C

Restriction

http://qudt.org/schema/qudt/numericValue only
LCALonisingRaditionHumanHealth^C

Lca Mineral Use ^C

IRI http://w3id.org/CEON/demo/electronics/LCAMineralUse

Sub Class Of
LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAMineralUse ^C

Lca Unit ^C

IRI http://w3id.org/CEON/demo/electronics/LCAUnit

Sub Class Of http://qudt.org/schema/qudt/Unit

Lca Value ^C

IRI http://w3id.org/CEON/demo/electronics/LCAValue

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

In Range Of hasLCAValue ^{op}

Super Class Of
LCAAcidification ^C
LCAClimateChange ^C
LCAClimateChangeBiogenic ^C
LCAClimateChangeFossil ^C
LCAEcotoxicityFreshWater ^C
LCAEutrophicationFreshWater ^C
LCAEutrophicationMarine ^C
LCAHumanToxicityCancer ^C
LCALonisingRaditionHumanHealth ^C
LCAMineralUse ^C
LCAWaterUse ^C

Lca Water Use ^C

IRI http://w3id.org/CEON/demo/electronics/LCAWaterUse

Sub Class Of
LCAValue ^C
http://qudt.org/schema/qudt/hasUnit ^{op} some LCAUnit ^C *and*
http://qudt.org/schema/qudt/hasUnit ^{op} only LCAUnit ^C

Restriction http://qudt.org/schema/qudt/numericValue only LCAWaterUse ^C

Laminate Material ^C

IRI http://w3id.org/CEON/demo/electronics/LaminateMaterial

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

Length ^C

IRI	`http://w3id.org/CEON/demo/electronics/Length`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Range Of	hasLength ^{op}

Length Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/LengthValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
Restriction	http://qudt.org/schema/qudt/numericValue only LengthValue ^C

Life Span Time ^C

IRI	`http://w3id.org/CEON/demo/electronics/LifeSpanTime`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasLifeSpanTimeValue ^{op}
In Range Of	hasLifeSpanTime ^{op}
Restriction	hasLifeSpanTimeValue ^{op} only LifeSpanTime ^C

Life Span Time Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/LifeSpanTimeValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasLifeSpanTimeValue ^{op}
Restriction	http://qudt.org/schema/qudt/hasUnit ^{op} value LifeSpanTimeValue ^C http://qudt.org/schema/qudt/numericValue only LifeSpanTimeValue ^C

Material Grade ^C

IRI	`http://w3id.org/CEON/demo/electronics/MaterialGrade`
Named Individuals	N35H ⁿⁱ

Matrix Additive M Aterial ^C

IRI	`http://w3id.org/CEON/demo/electronics/MatrixAdditiveMAterial`
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Maximum Energy Product ^C

IRI	`http://w3id.org/CEON/demo/electronics/MaximumEnergyProduct`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasMaximumEnergyProductValue ^{op}
In Range Of	hasMaximumEnergyProduct ^{op}
Restriction	hasMaximumEnergyProductValue ^{op} only MaximumEnergyProduct ^C

Maximum Energy Product Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/MaximumEnergyProductValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasMaximumEnergyProductValue ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only MaximumEnergyProductValue ^C

Metal Composition ^C

IRI	`http://w3id.org/CEON/demo/electronics/MetalComposition`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/product/MatterComposition
In Domain Of	hasMetalCompositionValue ^{op}
Restriction	hasMetalCompositionValue ^{op} only MetalComposition ^C

Metal Composition Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/MetalCompositionValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasMetalCompositionValue ^{op}

Metal Material [C]

IRI	http://w3id.org/CEON/demo/electronics/MetalMaterial
Sub Class Of	http://w3id.org/CEON/ontology/material/Material
Super Class Of	ActinoidsMetal [C] AlkaliMetal [C] AlkalineEarthMetal [C] TransitionalMetal [C]

Motor Speed Type [C]

IRI	http://w3id.org/CEON/demo/electronics/MotorSpeedType
Named Individuals	continuous_variable_speed [ni]

Motor Type [C]

IRI	http://w3id.org/CEON/demo/electronics/MotorType
Named Individuals	Induction [ni]

Neodymium Magnet [C]

IRI	http://w3id.org/CEON/demo/electronics/NeodymiumMagnet
Sub Class Of	ElectronicsProduct [C]
Named Individuals	neodymium_magnet_x [ni]

Non Metal Material [C]

IRI	http://w3id.org/CEON/demo/electronics/NonMetalMaterial
Sub Class Of	http://w3id.org/CEON/ontology/material/Material
Named Individuals	carbon_material_a [ni] nitrogen_material_a [ni]

Operating Voltage [C]

IRI	http://w3id.org/CEON/demo/electronics/OperatingVoltage
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasOperatingVoltageValue [op]
In Range Of	hasOperatingVoltage [op]
Restriction	hasOperatingVoltageValue [op] only OperatingVoltage [C]

Operating Voltage Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/OperatingVoltageValue`

Sub Class Of   http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} some
http://qudt.org/schema/qudt/Unit^C

In Range Of   hasOperatingVoltageValue^{op}

Restriction   http://qudt.org/schema/qudt/numericValue only OperatingVoltageValue^C

Post Consumer Recycled Content ^C

IRI   `http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContent`

Sub Class Of   http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/product/ProductComposition

In Domain Of   hasPostConsumerRecycledContentValue^{op}

Restriction   hasPostConsumerRecycledContentValue^{op} only
PostConsumerRecycledContent^C

Post Consumer Recycled Content Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContentValue`

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

In Range Of   hasPostConsumerRecycledContentValue^{op}

Restriction   http://qudt.org/schema/qudt/hasUnit^{op} value
PostConsumerRecycledContentValue^C
http://qudt.org/schema/qudt/numericValue only
PostConsumerRecycledContentValue^C

Post Customer Recycled Content ^C

IRI   `http://w3id.org/CEON/demo/electronics/PostCustomerRecycledContent`

Named Individuals   content_1ⁿⁱ

Pre Consumer Recycled Content ^C

IRI	http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContent
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/product/ProductComposition
In Domain Of	hasPreConsumerRecycledContentValue^{op}
Restriction	hasPreConsumerRecycledContentValue^{op} only PreConsumerRecycledContent^c

Pre Consumer Recycled Content Value ^C

IRI	http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContentValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasPreConsumerRecycledContentValue^{op}
Restriction	http://qudt.org/schema/qudt/hasUnit^{op} value PreConsumerRecycledContentValue^C http://qudt.org/schema/qudt/numericValue only PreConsumerRecycledContentValue^C

Prepreg Material ^C

IRI	http://w3id.org/CEON/demo/electronics/PrepregMaterial
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Rare Earth Composition ^C

IRI	http://w3id.org/CEON/demo/electronics/RareEarthComposition
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/product/MatterComposition
In Domain Of	hasRareEarthCompositionValue^{op}
Restriction	hasRareEarthCompositionValue^{op} only RareEarthComposition^C

Rare Earth Composition Value ^C

IRI	http://w3id.org/CEON/demo/electronics/RareEarthCompositionValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasRareEarthCompositionValue^{op}

Rare Earth Material ^C

IRI http://w3id.org/CEON/demo/electronics/RareEarthMaterial

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

Rated Load Amps ^C

IRI http://w3id.org/CEON/demo/electronics/RatedLoadAmps

Sub Class Of http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of hasRatedLoadAmpsValue^{op}

In Range Of hasRatedLoadAmps^{op}

Restriction hasRatedLoadAmpsValue^{op} only RatedLoadAmps^C

Rated Load Amps Value ^C

IRI http://w3id.org/CEON/demo/electronics/RatedLoadAmpsValue

Sub Class Of http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C

In Range Of hasRatedLoadAmpsValue^{op}

Restriction http://qudt.org/schema/qudt/numericValue only RatedLoadAmpsValue^C

Rated Power Output ^C

IRI http://w3id.org/CEON/demo/electronics/RatedPowerOutput

Sub Class Of http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of hasRatedPowerOutputValue^{op}

In Range Of hasRatedPowerOutput^{op}

Restriction hasRatedPowerOutputValue^{op} only RatedPowerOutput^C

Rated Power Output Value ^C

IRI	http://w3id.org/CEON/demo/electronics/RatedPowerOutputValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C *and* http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^C
In Range Of	hasRatedPowerOutputValue^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only RatedPowerOutputValue^C

Rated Rpm ^C

IRI	http://w3id.org/CEON/demo/electronics/RatedRPM
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasRatedRPMValue^{op}
In Range Of	hasRatedRPM^{op}
Restriction	hasRatedRPMValue^{op} only RatedRPM^C

Rated Rpm Value ^C

IRI	http://w3id.org/CEON/demo/electronics/RatedRPMValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C *and* http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^C
In Range Of	hasRatedRPMValue^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only RatedRPMValue^C

Recycling Pressure ^C

IRI	http://w3id.org/CEON/demo/electronics/RecyclingPressure
Sub Class Of	http://qudt.org/schema/qudt/Quantity
Restriction	hasRecyclingPressureValue^{op} only RecyclingPressure^C

Recycling Pressure Value ^C

IRI

`http://w3id.org/CEON/demo/electronics/RecyclingPressureValue`

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C

In Range Of

hasRecyclingPressureValue^{op}

Restriction

http://qudt.org/schema/qudt/numericValue only RecyclingPressureValue^C

Recycling Process Duration ^C

IRI

`http://w3id.org/CEON/demo/electronics/RecyclingProcessDuration`

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} some
http://qudt.org/schema/qudt/Unit^C

In Range Of

hasRecyclingProcessDuration^{op}

Restriction

http://qudt.org/schema/qudt/numericValue only RecyclingProcessDuration^C

Recycling Temperature Value ^C

IRI

`http://w3id.org/CEON/demo/electronics/RecyclingTemperatureValue`

Sub Class Of

http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} some
http://qudt.org/schema/qudt/Unit^C

In Range Of

hasRecyclingProcessTemperature^{op}

Restriction

http://qudt.org/schema/qudt/numericValue only RecyclingTemperatureValue^C

Refractive Index At25 ^C

IRI

`http://w3id.org/CEON/demo/electronics/RefractiveIndexAt25`

Sub Class Of

http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Range Of

hasRefractiveIndexAt25^{op}

Restriction

hasRefractiveIndexAt25^{op} only RefractiveIndexAt25^C

Refractive Index At25Value ^C

IRI
`http://w3id.org/CEON/demo/electronics/RefractiveIndexAt25Value`

Sub Class Of
http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} some http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit
^c

Restriction
http://qudt.org/schema/qudt/numericValue only RefractiveIndexAt25Value^C

Remanent Magnetic Flux Density ^C

IRI
`http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensity`

Sub Class Of
http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of
hasRemanentMagneticFluxDensityValue^{op}

In Range Of
hasRemanentMagneticFluxDensity^{op}

Restriction
hasRemanentMagneticFluxDensityValue^{op} only RemanentMagneticFluxDensity
^c

Remanent Magnetic Flux Density Value ^C

IRI
`http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensityValue`

Sub Class Of
http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit^{op} only http://qudt.org/schema/qudt/Unit^C
and http://qudt.org/schema/qudt/hasUnit^{op} some
http://qudt.org/schema/qudt/Unit^C

In Range Of
hasRemanentMagneticFluxDensityValue^{op}

Restriction
http://qudt.org/schema/qudt/numericValue only
RemanentMagneticFluxDensityValue^C

Renewable Content ^C

IRI
`http://w3id.org/CEON/demo/electronics/RenewableContent`

Sub Class Of
http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/product/ProductComposition

In Domain Of
hasRenewableContentValue^{op}

Restriction
hasRenewableContentValue^{op} only RenewableContent^C

Renewable Content Value [C]

IRI	`http://w3id.org/CEON/demo/electronics/RenewableContentValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasRenewableContentValue [op]
Restriction	http://qudt.org/schema/qudt/hasUnit [op] value RenewableContentValue [C]
	http://qudt.org/schema/qudt/numericValue only RenewableContentValue [C]

Resin Material [C]

IRI	`http://w3id.org/CEON/demo/electronics/ResinMaterial`
Sub Class Of	http://w3id.org/CEON/ontology/material/Material

Resistivity [C]

IRI	`http://w3id.org/CEON/demo/electronics/Resistivity`
Sub Class Of	http://qudt.org/schema/qudt/Quantity
	http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasResistivityValue [op]
Restriction	hasResistivityValue [op] only Resistivity [C]

Resistivity Value [C]

IRI	`http://w3id.org/CEON/demo/electronics/ResistivityValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasResistivityValue [op]
Restriction	http://qudt.org/schema/qudt/numericValue only ResistivityValue [C]

Shape [C]

IRI	`http://w3id.org/CEON/demo/electronics/Shape`
Sub Class Of	http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Range Of	hasShape [op]
Named Individuals	cylinder [ni]

Shear Strength [c]

IRI	http://w3id.org/CEON/demo/electronics/ShearStrength
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasShearStrengthValue [op]
In Range Of	hasShearStrength [op]
Restriction	hasShearStrengthValue [op] only ShearStrength [c]

Shear Strength Value [c]

IRI	http://w3id.org/CEON/demo/electronics/ShearStrengthValue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit [op] only http://qudt.org/schema/qudt/Unit [c] *and* http://qudt.org/schema/qudt/hasUnit [op] some http://qudt.org/schema/qudt/Unit [c]
In Range Of	hasShearStrengthValue [op]
Restriction	http://qudt.org/schema/qudt/numericValue only ShearStrengthValue [c]

Speaker [c]

IRI	http://w3id.org/CEON/demo/electronics/Speaker
Sub Class Of	ElectronicsProduct [c]
Named Individuals	speaker_x [ni]

Stiffness [c]

IRI	http://w3id.org/CEON/demo/electronics/Stiffness
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasStiffnessValue [op]
In Range Of	hasStiffness [op]
Restriction	hasStiffnessValue [op] only Stiffness [c]

Stiffness Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/StiffnessValue`

Sub Class Of
http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C
and http://qudt.org/schema/qudt/hasUnit ^{op} some
http://qudt.org/schema/qudt/Unit ^C

In Range Of   hasStiffnessValue ^{op}

Restriction   http://qudt.org/schema/qudt/numericValue only StiffnessValue ^C

Surface Finish Material ^C

IRI   `http://w3id.org/CEON/demo/electronics/SurfaceFinishMaterial`

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

Tensile Modulus ^C

IRI   `http://w3id.org/CEON/demo/electronics/TensileModulus`

Sub Class Of
http://qudt.org/schema/qudt/Quantity
http://w3id.org/CEON/ontology/resourceODP/ResourceProperty

In Domain Of   hasTensileModulusValue ^{op}

In Range Of   hasTensileModulus ^{op}

Restriction   hasTensileModulusValue ^{op} only TensileModulus ^C

Tensile Modulus Value ^C

IRI   `http://w3id.org/CEON/demo/electronics/TensileModulusValue`

Sub Class Of
http://qudt.org/schema/qudt/QuantityValue
http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C
and http://qudt.org/schema/qudt/hasUnit ^{op} some
http://qudt.org/schema/qudt/Unit ^C

In Range Of   hasTensileModulusValue ^{op}

Restriction   http://qudt.org/schema/qudt/numericValue only TensileModulusValue ^C

Tensile Strength ^C

IRI	`http://w3id.org/CEON/demo/electronics/TensileStrength`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasTensileStrengthValue ^{op}
In Range Of	hasTensileStrength ^{op}
Restriction	hasTensileStrengthValue ^{op} only TensileStrength ^C

Tensile Strength Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/TensileStrengthValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasTensileStrengthValue ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only TensileStrengthValue ^C

Transition Temperature ^C

IRI	`http://w3id.org/CEON/demo/electronics/TransitionTemperature`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasTransitionTemperatureValue ^{op}
In Range Of	hasTransitionTemperature ^{op}
Restriction	hasTransitionTemperatureValue ^{op} only TransitionTemperature ^C

Transition Temperature Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/TransitionTemperatureValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasTransitionTemperatureValue ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only TransitionTemperatureValue ^C

Transitional Metal ^C

IRI	http://w3id.org/CEON/demo/electronics/TransitionalMetal
Sub Class Of	MetalMaterial ^C

Unknown Acute Toxicity Percentage ^C

IRI	http://w3id.org/CEON/demo/electronics/UnknownAcuteToxicity Percentage
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasUnknownAcuteToxicity ^{op}
Restriction	http://qudt.org/schema/qudt/hasUnit ^{op} value UnknownAcuteToxicityPercentage ^C http://qudt.org/schema/qudt/numericValue only UnknownAcuteToxicityPercentage ^C

Virgin Fosil Content ^C

IRI	http://w3id.org/CEON/demo/electronics/VirginFosilContent
In Domain Of	hasVirginFosilContentValue ^{op}

Virgin Fosil Content Value ^C

IRI	http://w3id.org/CEON/demo/electronics/VirginFosilContentVa lue
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue
In Range Of	hasVirginFosilContentValue ^{op}
Restriction	http://qudt.org/schema/qudt/hasUnit ^{op} value VirginFosilContentValue ^C http://qudt.org/schema/qudt/numericValue only VirginFosilContentValue ^C

Virgin Fossil Content ^C

IRI	http://w3id.org/CEON/demo/electronics/VirginFossilContent
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/product/ProductComposition
Restriction	hasVirginFosilContentValue ^{op} only VirginFossilContent ^C

Viscosity At25 ^C

IRI	`http://w3id.org/CEON/demo/electronics/ViscosityAt25`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Domain Of	hasViscosityAt25Value ^{op}
In Range Of	hasViscosityAt25 ^{op}
Restriction	hasViscosityAt25Value ^{op} only ViscosityAt25 ^C

Viscosity At25Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/ViscosityAt25Value`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C
In Range Of	hasViscosityAt25Value ^{op}
Restriction	http://qudt.org/schema/qudt/numericValue only ViscosityAt25Value ^C

Width ^C

IRI	`http://w3id.org/CEON/demo/electronics/Width`
Sub Class Of	http://qudt.org/schema/qudt/Quantity http://w3id.org/CEON/ontology/resourceODP/ResourceProperty
In Range Of	hasWidth ^{op}

Width Value ^C

IRI	`http://w3id.org/CEON/demo/electronics/WidthValue`
Sub Class Of	http://qudt.org/schema/qudt/QuantityValue http://qudt.org/schema/qudt/hasUnit ^{op} some http://qudt.org/schema/qudt/Unit ^C *and* http://qudt.org/schema/qudt/hasUnit ^{op} only http://qudt.org/schema/qudt/Unit ^C
Restriction	http://qudt.org/schema/qudt/numericValue only WidthValue ^C

Issuing Resource ^C

IRI	`http://w3id.org/CEON/ontology/actor/IssuingResource`
Named Individuals	ds_issue_1 ⁿⁱ

Process Participation [C]

IRI   http://w3id.org/CEON/ontology/actor/ProcessParticipation

Named Individuals s63 [ni]

Producing Resource [C]

IRI   http://w3id.org/CEON/ontology/actor/ProducingResource

Named Individuals

ss_1 [ni]
ss_2 [ni]
ss_3 [ni]

Supplying Resource [C]

IRI   http://w3id.org/CEON/ontology/actor/SupplyingResource

Named Individuals s7 [ni]

Actor [C]

IRI   http://w3id.org/CEON/ontology/actorODP/Actor

Named Individuals

M [ni]
company_a [ni]
company_b [ni]
company_x [ni]
company_y [ni]
dismantling_company_b [ni]

Resource Relation [C]

IRI   http://w3id.org/CEON/ontology/actorODP/ResourceRelation

Named Individuals composition_a [ni]

Process [C]

IRI   http://w3id.org/CEON/ontology/processODP/Process

Named Individuals dismantling_process_1 [ni]

Statement [c]

IRI	`http://w3id.org/CEON/ontology/provenance/Statement`
Super Class Of	ElectronicsProductSourcingComponentRelation [c]
Named Individuals	composition_a [ni]
	q1 [ni]

Object Properties

defined unit of system [op]

IRI	`http://qudt.org/schema/qudt/definedUnitOfSystem`

derived coherent unit of system [op]

IRI	`http://qudt.org/schema/qudt/derivedCoherentUnitOfSystem`

exact match [op]

IRI	`http://qudt.org/schema/qudt/exactMatch`

has dimension vector [op]

IRI	`http://qudt.org/schema/qudt/hasDimensionVector`

has unit [op]

IRI	`http://qudt.org/schema/qudt/hasUnit`

compliance with [op]

IRI	`http://w3id.org/CEON/demo/electronics/complianceWith`

has catalyst composition value [op]

IRI	`http://w3id.org/CEON/demo/electronics/hasCatalystCompositionValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	CatalystComposition [c]
Range	CatalystCompositionValue [c]

has chemical element ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasChemicalElement`
Range	http://w3id.org/CEON/ontology/material/ChemicalElement

has chemical element composition value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasChemicalElementCompositionValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	ChemicalElementComposition^C
Range	ChemicalElementCompositionValue^C

has conductivity ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasConductivity`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	Conductivity^C

has conductivity value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasConductivityValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• Conductivity^C • http://w3id.org/CEON/ontology/product/Product^C *or* http://w3id.org/CEON/ontology/product/Item^C
Range	ConductivityValue^C

has density at25 ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasDensityAt25`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	DensityAt25^C

has density at25value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasDensityAt25Value
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	

- DensityAt25 ^C
- http://w3id.org/CEON/ontology/product/Product ^C *or* http://w3id.org/CEON/ontology/product/Item ^C

Range	DensityAt25Value ^C

has depth ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasDepth
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Range	Depth ^C

has depth value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasDepthValue
Sub Property Of	http://w3id.org/CEON/ontology/quantity/hasDimension
Domain	

- Depth ^C
- http://w3id.org/CEON/ontology/product/Product ^C *or* http://w3id.org/CEON/ontology/product/Item ^C

Range	DepthValue ^C

has diameter ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasDiameter
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Super Property Of	hasOuterDiameter ^{op}
Range	Diameter ^C

has diameter value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasDiameterValue
Sub Property Of	http://w3id.org/CEON/ontology/quantity/hasDimension
Domain	

- Diameter ^C
- http://w3id.org/CEON/ontology/product/Product ^C *or* http://w3id.org/CEON/ontology/product/Item ^C

Range	DiameterValue ^C

has fiber elongation at break ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreak`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	FiberElongationAtBreak ^c

has fiber elongation at break value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreakValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- FiberElongationAtBreak ^c - http://w3id.org/CEON/ontology/product/Product ^c *or* http://w3id.org/CEON/ontology/product/Item ^c
Range	FiberElongationAtBreakValue ^c

has fiber volume content ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasFiberVolumeContent`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	FiberVolumeContent ^c

has fiber volume content value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasFiberVolumeContentValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- FiberVolumeContent ^c - http://w3id.org/CEON/ontology/product/Item ^c *or* http://w3id.org/CEON/ontology/product/Product ^c
Range	FiberVolumeContentValue ^c

has hazardous material ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasHazardousMaterial`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	http://w3id.org/CEON/ontology/product/Item^c *or* http://w3id.org/CEON/ontology/product/Product^c
Range	HazardousMaterialPercentage^c

has lca value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasLCAValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Range	LCAValue^c

has length ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasLength`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Range	Length^c

has life span time ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasLifeSpanTime`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Range	LifeSpanTime^c

has life span time value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasLifeSpanTimeValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- LifeSpanTime^c - http://w3id.org/CEON/ontology/product/Product^c *or* http://w3id.org/CEON/ontology/product/Item^c
Range	LifeSpanTimeValue^c

has maximum energy product ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProduct`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	MaximumEnergyProduct ^c

has maximum energy product value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProductValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• MaximumEnergyProduct ^c • http://w3id.org/CEON/ontology/product/Product ^c *or* http://w3id.org/CEON/ontology/product/Item ^c
Range	MaximumEnergyProductValue ^c

has metal composition value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasMetalCompositionValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	MetalComposition ^c
Range	MetalCompositionValue ^c

has operating voltage ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasOperatingVoltage`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	OperatingVoltage ^c

has operating voltage value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasOperatingVoltageValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- OperatingVoltage ^c - http://w3id.org/CEON/ontology/product/Item ^c *or* http://w3id.org/CEON/ontology/product/Product ^c
Range	OperatingVoltageValue ^c

has outer diameter ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasOuterDiameter
Sub Property Of	hasDiameter ^{op}

has post consumer recycled content value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasPostConsumerRecycledContentValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	PostConsumerRecycledContent ^c
Range	PostConsumerRecycledContentValue ^c

has pre consumer recycled content value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasPreConsumerRecycledContentValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	PreConsumerRecycledContent ^c
Range	PreConsumerRecycledContentValue ^c

has rare earth composition value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRareEarthCompositionValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	RareEarthComposition ^c
Range	RareEarthCompositionValue ^c

has rated load amps ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedLoadAmps
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	RatedLoadAmps ^c

has rated load amps value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedLoadAmpsValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• RatedLoadAmps ^c • http://w3id.org/CEON/ontology/product/Item ^c *or* http://w3id.org/CEON/ontology/product/Product ^c
Range	RatedLoadAmpsValue ^c

has rated power output ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedPowerOutput
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	RatedPowerOutput ^c

has rated power output value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedPowerOutputValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• RatedPowerOutput ^c • http://w3id.org/CEON/ontology/product/Item ^c *or* http://w3id.org/CEON/ontology/product/Product ^c
Range	RatedPowerOutputValue ^c

has rated rpm ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedRPM
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	RatedRPM ^c

has rated rpm value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRatedRPMValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• RatedRPM ^c • http://w3id.org/CEON/ontology/product/Item
Range	RatedRPMValue ^c

has recycling pressure value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRecyclingPressureValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Range	RecyclingPressureValue ^c

has recycling process duration ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRecyclingProcessDuration
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Range	RecyclingProcessDuration ^c

has recycling process temperature ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRecyclingProcessTemperature
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Range	RecyclingTemperatureValue ^c

has refractive index at25 ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasRefractiveIndexAt25
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Range	RefractiveIndexAt25 ^c

has remanent magnetic flux density ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensity`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	RemanentMagneticFluxDensity ^C

has remanent magnetic flux density value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensityValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- RemanentMagneticFluxDensity ^C - http://w3id.org/CEON/ontology/product/Item
Range	RemanentMagneticFluxDensityValue ^C

has renewable content value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasRenewableContentValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- RenewableContent ^C - http://w3id.org/CEON/ontology/product/Item
Range	RenewableContentValue ^C

has resistivity value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasResistivityValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	- Resistivity ^C - http://w3id.org/CEON/ontology/product/Item
Range	ResistivityValue ^C

has shape ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasShape`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Range	Shape ^C

has shear strength ^{op}

IRI http://w3id.org/CEON/demo/electronics/hasShearStrength

Sub Property Of http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty

Domain http://w3id.org/CEON/ontology/product/Item

Range ShearStrength^C

has shear strength value ^{op}

IRI http://w3id.org/CEON/demo/electronics/hasShearStrengthValue

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

Domain
- ShearStrength^C
- http://w3id.org/CEON/ontology/product/Item

Range ShearStrengthValue^C

has stiffness ^{op}

IRI http://w3id.org/CEON/demo/electronics/hasStiffness

Sub Property Of http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty

Domain http://w3id.org/CEON/ontology/product/Item

Range Stiffness^C

has stiffness value ^{op}

IRI http://w3id.org/CEON/demo/electronics/hasStiffnessValue

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

Domain
- Stiffness^C
- http://w3id.org/CEON/ontology/product/Item

Range StiffnessValue^C

has tensile modulus ^{op}

IRI http://w3id.org/CEON/demo/electronics/hasTensileModulus

Sub Property Of http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty

Domain http://w3id.org/CEON/ontology/product/Item

Range TensileModulus^C

has tensile modulus value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasTensileModulusValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• TensileModulus ^C • http://w3id.org/CEON/ontology/product/Item
Range	TensileModulusValue ^C

has tensile strength ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasTensileStrength
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	TensileStrength ^C

has tensile strength value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasTensileStrengthValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• TensileStrength ^C • http://w3id.org/CEON/ontology/product/Item
Range	TensileStrengthValue ^C

has transition temperature ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasTransitionTemperature
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	TransitionTemperature ^C

has transition temperature value ^{op}

IRI	http://w3id.org/CEON/demo/electronics/hasTransitionTemperatureValue
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• TransitionTemperature ^C • http://w3id.org/CEON/ontology/product/Item
Range	TransitionTemperatureValue ^C

has unknown acute toxicity ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasUnknownAcuteToxicity`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	http://w3id.org/CEON/ontology/product/Item
Range	UnknownAcuteToxicityPercentage ^c

has virgin fosil content value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasVirginFosilContentValue`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• VirginFosilContent ^c • http://w3id.org/CEON/ontology/product/Item
Range	VirginFosilContentValue ^c

has viscosity at25 ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasViscosityAt25`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Domain	http://w3id.org/CEON/ontology/product/Item
Range	ViscosityAt25 ^c

has viscosity at25value ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasViscosityAt25Value`
Sub Property Of	http://qudt.org/schema/qudt/quantityValue
Domain	• ViscosityAt25 ^c • http://w3id.org/CEON/ontology/product/Item
Range	ViscosityAt25Value ^c

has width ^{op}

IRI	`http://w3id.org/CEON/demo/electronics/hasWidth`
Sub Property Of	http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty
Range	Width ^c

participant role ^{op}

IRI	http://w3id.org/CEON/ontology/actorODP/participantRole

participating actor ^{op}

IRI	http://w3id.org/CEON/ontology/actorODP/participatingActor

participating resource ^{op}

IRI	http://w3id.org/CEON/ontology/actorODP/participatingResource

participation in ^{op}

IRI	http://w3id.org/CEON/ontology/actorODP/participationIn

Datatype Properties

conversion multiplier ^{dp}

IRI	http://qudt.org/schema/qudt/conversionMultiplier

iec61360code ^{dp}

IRI	http://qudt.org/schema/qudt/iec61360Code

numerical value ^{dp}

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

si units expression ^{dp}

IRI	http://qudt.org/schema/qudt/siUnitsExpression

has astm compliance file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasASTMComplianceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has batch invoice number ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasBatchInvoiceNumber`
Range	xsd:string

has batch number ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasBatchNumber`
Domain	http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects
Range	xsd:integer

has black e coating brand name ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasBlackECoatingBrandName`
Range	xsd:string

has black e coating technical datasheet ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasBlackECoatingTechnicalDatasheet`
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has casting certificate ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasCastingCertificate`
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has decomissioning date ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasDecomissioningDate`
Range	xsd:dateTime

has decommission reason ^{dp}

IRI	`http://w3id.org/CEON/demo/electronics/hasDecommissionReason`
Range	xsd:string

has efficiency class ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasEfficiencyClass

has environmental product declaration ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasEnvironmentalProductDeclaration
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasFileUrl
Super Property Of	• hasASTMComplianceFileUrl ^{dp} • hasBlackECoatingTechnicalDatasheet ^{dp} • hasCastingCertificate ^{dp} • hasEnvironmentalProductDeclaration ^{dp} • hasFireWorkingConditionComplianceFileUrl ^{dp} • hasHysteresisCurveTechReport ^{dp} • hasISOComplianceFileUrl ^{dp} • hasLCAReport ^{dp} • hasMaterialDatasheet ^{dp} • hasNormativeReferenceFileUrl ^{dp} • hasPassivationProductTechnicalDatasheet ^{dp} • hasREACHComplianceFileUrl ^{dp} • hasResponsibleSourcingCertificate ^{dp} • hasRoHSComplianceFileUrl ^{dp} • hasSafetyDatasheet ^{dp} • hasSupplyDueDiligencePolicyReport ^{dp} • hasSustainabilityDeclaration ^{dp}
Range	xsd:string

has fire working condition compliance file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasFireWorkingConditionComplianceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has hysteresis curve tech report ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasHysteresisCurveTechReport
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has iso compliance file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasISOComplianceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has installation date ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasInstallationDate
Range	xsd:dateTime

has installation instructions ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasInstallationInstructions
Range	xsd:string

has intended application ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasIntendedApplication
Range	xsd:string

has lca report ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasLCAReport
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has lay up sequence ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasLayUpSequence
Range	xsd:string

has magnet location ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMagnetLocation
Range	xsd:string

has maintenance instructions ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMaintenanceInstructions
Range	xsd:string

has maintenance measures ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMaintenanceMeasures
Range	xsd:string

has maintenance report ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMaintenanceReport
Range	xsd:string

has maintenance trigger ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMaintenanceTrigger
Range	xsd:string

has manufacturing sequence ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasManufacturingSequence
Range	xsd:string

has material datasheet ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasMaterialDatasheet
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has normative reference file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasNormativeReferenceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has part number code ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasPartNumberCode
Range	xsd:string

has passivation product technical datasheet ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasPassivationProductTechnicalDatasheet
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has production date ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasProductionDate
Domain	http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects
Range	xsd:dateTime

has quality test link ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasQualityTestLink
Range	xsd:string

has reach compliance file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasREACHComplianceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has recycling process name ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasRecyclingProcessName
Range	xsd:string

has repair instructions ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasRepairInstructions
Range	xsd:anyURI

has reported damage ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasReportedDamage
Range	xsd:string

has reported repairs ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasReportedRepairs
Range	xsd:string

has responsible sourcing certificate ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasResponsibleSourcingCertificate
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has ro hs compliance file url ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasRoHSComplianceFileUrl
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has safety datasheet ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasSafetyDatasheet
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has site name ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasSiteName
Range	xsd:string

has size level ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasSizeLevel
Range	xsd:double

has supply due diligence policy report ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasSupplyDueDiligencePolicyReport
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has sustainability declaration ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasSustainabilityDeclaration
Sub Property Of	hasFileUrl ^{dp}
Range	xsd:string

has use and assembly instructions ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasUseAndAssemblyInstructions
Range	xsd:string

hasdisassembly instructions ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/hasdisassemblyInstructions
Range	xsd:string

is adhesive contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isAdhesiveContained
Range	xsd:boolean

is bromide contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isBromideContained
Range	xsd:boolean

is catalyst contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isCatalystContained
Range	xsd:boolean

is cores contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isCoresContained

is flame retardant ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isFlameRetardant
Range	xsd:boolean

is high uv resistance ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isHighUVResistance
Range	xsd:boolean

is laminate contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isLaminateContained
Range	xsd:boolean

is matrix additive contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isMatrixAdditiveContained
Range	xsd:boolean

is metal contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isMetalContained
Range	xsd:boolean

is nitrogen contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isNitrogenContained
Range	xsd:boolean

is oxygen contained ^{dp}

IRI	http://w3id.org/CEON/demo/electronics/isOxygenContained
Range	xsd:boolean

is pre preg contained ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/isPrePregContained

Range   xsd:boolean

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is reac hcomplied ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/isREACHcomplied

Range   xsd:boolean

---

is rare earth contained ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/isRareEarthContained

Range   xsd:boolean

---

is ro hs complied ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/isRoHSComplied

Range   xsd:boolean

---

is surface finish contained ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/isSurfaceFinishContained

Range   xsd:boolean

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number of recycling cycles ^{dp}

IRI   http://w3id.org/CEON/demo/electronics/numberOfRecyclingCycles

---

participation time point ^{dp}

IRI   http://w3id.org/CEON/ontology/actorODP/participationTimePoint

Annotation Properties

expression ^{ap}

IRI	http://qudt.org/schema/qudt/expression

participating object ^{ap}

IRI	http://w3id.org/CEON/ontology/actorODP/participatingObject

participating subject ^{ap}

IRI	http://w3id.org/CEON/ontology/actorODP/participatingSubject

statement about ^{ap}

IRI	http://w3id.org/CEON/ontology/statement/statementAbout

Namespaces

:

http://w3id.org/CEON/demo/electronics/

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