

# Circular Economy Ontology Network (CEON) - Electronics Module

## Metadata

IRI	<a href="http://w3id.org/CEON/demo/electronics/">http://w3id.org/CEON/demo/electronics/</a>
Title	Circular Economy Ontology Network (CEON) - Electronics Module
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Contributor	Eva Blomqvist
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Preferred Namespace Prefix	ceon-demo-electronics
Preferred Namespace Uri	<a href="http://w3id.org/CEON/demo/electronics/">http://w3id.org/CEON/demo/electronics/</a>
Description	The Electronics module of CEON (Circular Economy Ontology Network).

## Classes

Derived Unit <sup>c</sup>	
IRI	<a href="http://qudt.org/schema/qudt/DerivedUnit">http://qudt.org/schema/qudt/DerivedUnit</a>
Is Defined By	<a href="http://qudt.org/2.1/schema/qudt">http://qudt.org/2.1/schema/qudt</a>
Description	A DerivedUnit is a type specification for units that are derived from other units.
Sub Class Of	<a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a>
Named Individuals	<a href="#">pascal second</a> <sup>ni</sup>

## Actinoids Metal<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/ActinoidsMetal>

**Sub Class Of** [MetalMaterial<sup>c</sup>](#)

## Adhesive Material<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/AdhesiveMaterial>

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

## Alkali Metal<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/AlkaliMetal>

**Sub Class Of** [MetalMaterial<sup>c</sup>](#)

## Alkaline Earth Metal<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/AlkalineEarthMetal>

**Sub Class Of** [MetalMaterial<sup>c</sup>](#)

## Aluminum Dome Tweeter<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/AluminumDomeTweeter>

**Sub Class Of** [ElectronicsProduct<sup>c</sup>](#)

## Bromide Material<sup>c</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/BromideMaterial>

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

## Catalyst Composition<sup>c</sup>

**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<sup>op</sup>](#)

**Restriction** [hasCatalystCompositionValue<sup>op</sup>](#) only [CatalystComposition<sup>c</sup>](#)

## Catalyst Composition Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/CatalystCompositionValue">http://w3id.org/CEON/demo/electronics/CatalystCompositionValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasCatalystCompositionValue</a> <sup>op</sup>

## Catalyst Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/CatalystMaterial">http://w3id.org/CEON/demo/electronics/CatalystMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Chemical Element Composition<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ChemicalElementComposition">http://w3id.org/CEON/demo/electronics/ChemicalElementComposition</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/MatterComposition">http://w3id.org/CEON/ontology/product/MatterComposition</a>
<b>In Domain Of</b>	<a href="#">hasChemicalElementCompositionValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasChemicalElementCompositionValue</a> <sup>op</sup> only <a href="#">ChemicalElementComposition</a> <sup>C</sup>

## Chemical Element Composition Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ChemicalElementCompositionValue">http://w3id.org/CEON/demo/electronics/ChemicalElementCompositionValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasChemicalElementCompositionValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> value <a href="#">ChemicalElementCompositionValue</a> <sup>C</sup>

## Conductivity<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Conductivity">http://w3id.org/CEON/demo/electronics/Conductivity</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasConductivityValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasConductivity</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasConductivityValue</a> <sup>op</sup> only <a href="#">Conductivity</a> <sup>C</sup>

## Conductivity Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ConductivityValue">http://w3id.org/CEON/demo/electronics/ConductivityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasConductivityValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ConductivityValue</a> <sup>C</sup>

## Core Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/CoreMaterial">http://w3id.org/CEON/demo/electronics/CoreMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Coupling Cone<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/CouplingCone">http://w3id.org/CEON/demo/electronics/CouplingCone</a>
<b>Sub Class Of</b>	<a href="#">ElectronicsProduct</a> <sup>C</sup>

## Damper<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Damper">http://w3id.org/CEON/demo/electronics/Damper</a>
<b>Sub Class Of</b>	<a href="#">ElectronicsProduct</a> <sup>C</sup>
<b>Named Individuals</b>	<a href="#">damper_x</a> <sup>ni</sup>

## Density At25<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/DensityAt25">http://w3id.org/CEON/demo/electronics/DensityAt25</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasDensityAt25Value</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasDensityAt25</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasDensityAt25Value</a> <sup>op</sup> only <a href="#">DensityAt25</a> <sup>C</sup>

## Density At25Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/DensityAt25Value">http://w3id.org/CEON/demo/electronics/DensityAt25Value</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasDensityAt25Value</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">DensityAt25Value</a> <sup>C</sup>

## Depth<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Depth">http://w3id.org/CEON/demo/electronics/Depth</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasDepthValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasDepth</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasDepthValue</a> <sup>op</sup> only <a href="#">Depth</a> <sup>C</sup>

## Depth Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/DepthValue">http://w3id.org/CEON/demo/electronics/DepthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasDepthValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">DepthValue</a> <sup>C</sup>

## Diameter<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Diameter">http://w3id.org/CEON/demo/electronics/Diameter</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasDiameterValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasDiameter</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasDiameterValue</a> <sup>op</sup> only <a href="#">Diameter</a> <sup>C</sup>

## Diameter Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/DiameterValue">http://w3id.org/CEON/demo/electronics/DiameterValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasDiameterValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">DiameterValue</a> <sup>C</sup>

## Double Magnet<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/DoubleMagnet">http://w3id.org/CEON/demo/electronics/DoubleMagnet</a>
<b>Sub Class Of</b>	<a href="#">ElectronicsProduct</a> <sup>C</sup>
<b>Super Class Of</b>	<a href="#">Frame</a> <sup>C</sup>

## Electronics Product<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ElectronicsProduct">http://w3id.org/CEON/demo/electronics/ElectronicsProduct</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a>
<b>Super Class Of</b>	<a href="#">AluminumDomeTweeter</a> <sup>C</sup> <a href="#">CouplingCone</a> <sup>C</sup> <a href="#">Damper</a> <sup>C</sup> <a href="#">DoubleMagnet</a> <sup>C</sup> <a href="#">NeodymiumMagnet</a> <sup>C</sup> <a href="#">Speaker</a> <sup>C</sup>

## Electronics Product Sourcing Component Relation<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ElectronicsProductSourcingComponentRelation">http://w3id.org/CEON/demo/electronics/ElectronicsProductSourcingComponentRelation</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/provenance/Statement">http://w3id.org/CEON/ontology/provenance/Statement</a> <sup>C</sup>

## Fastening Method<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/FasteningMethod">http://w3id.org/CEON/demo/electronics/FasteningMethod</a>
<b>Named Individuals</b>	<a href="#">PressFitOrFriction</a> <sup>ni</sup>

## Fiber Elongation At Break<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/FiberElongationAtBreak">http://w3id.org/CEON/demo/electronics/FiberElongationAtBreak</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasFiberElongationAtBreakValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasFiberElongationAtBreak</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasFiberElongationAtBreakValue</a> <sup>op</sup> only <a href="#">FiberElongationAtBreak</a> <sup>C</sup>

## Fiber Elongation At Break Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/FiberElongationAtBreakValue">http://w3id.org/CEON/demo/electronics/FiberElongationAtBreakValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasFiberElongationAtBreakValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">FiberElongationAtBreakValue</a> <sup>C</sup>

## Fiber Volume Content<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/FiberVolumeContent">http://w3id.org/CEON/demo/electronics/FiberVolumeContent</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasFiberVolumeContentValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasFiberVolumeContent</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasFiberVolumeContentValue</a> <sup>op</sup> only <a href="#">FiberVolumeContent</a> <sup>C</sup>

## Fiber Volume Content Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/FiberVolumeContentValue">http://w3id.org/CEON/demo/electronics/FiberVolumeContentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasFiberVolumeContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">FiberVolumeContentValue</a> <sup>C</sup>

## Fibre Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/FibreMaterial>

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

## Flame Retardant Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/FlameRetardantMaterial>

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

## Frame<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/Frame>

**Sub Class Of** [DoubleMagnet<sup>C</sup>](#)

## Hardener Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/HardenerMaterial>

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

## Hazardous Material Percentage<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/HazardousMaterialPercentage>

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

**In Range Of** [hasHazardousMaterial<sup>Op</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/hasUnit<sup>Op</sup> value> [HazardousMaterialPercentage<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/numericValue only> [HazardousMaterialPercentage<sup>C</sup>](#)

## Lca Acidification<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LCAAcidification>

**Sub Class Of** [LCASValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit<sup>Op</sup> some> [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit<sup>Op</sup> only> [LCAUnit<sup>C</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/numericValue only> [LCAAcidification<sup>C</sup>](#)



## Lca Climate Change<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/LCAClimateChange>

**Sub Class Of**

[LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#)

**Restriction**

<http://qudt.org/schema/qudt/numericValue> only [LCAClimateChange<sup>C</sup>](#)

## Lca Climate Change Biogenic<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/LCAClimateChangeBiogenic>

**Sub Class Of**

[LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#)

**Restriction**

<http://qudt.org/schema/qudt/numericValue> only [LCAClimateChangeBiogenic<sup>C</sup>](#)

## Lca Climate Change Fossil<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/LCAClimateChangeFossil>

**Sub Class Of**

[LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#)

**Restriction**

<http://qudt.org/schema/qudt/numericValue> only [LCAClimateChangeFossil<sup>C</sup>](#)

## Lca Ecotoxicity Fresh Water<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/LCAEcotoxicityFreshWater>

**Sub Class Of**

[LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#)

**Restriction**

<http://qudt.org/schema/qudt/numericValue> only [LCAEcotoxicityFreshWater<sup>C</sup>](#)

## Lca Eutrophication Fresh Water<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/LCAEutrophicationFreshWater">http://w3id.org/CE0N/demo/electronics/LCAEutrophicationFreshWater</a>
<b>Sub Class Of</b>	<a href="#">LCValue<sup>C</sup></a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> some <a href="#">LCAUnit<sup>C</sup></a> <i>and</i> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> only <a href="#">LCAUnit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LCAEutrophicationFreshWater<sup>C</sup></a>

## Lca Eutrophication Marine<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/LCAEutrophicationMarine">http://w3id.org/CE0N/demo/electronics/LCAEutrophicationMarine</a>
<b>Sub Class Of</b>	<a href="#">LCValue<sup>C</sup></a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> some <a href="#">LCAUnit<sup>C</sup></a> <i>and</i> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> only <a href="#">LCAUnit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LCAEutrophicationMarine<sup>C</sup></a>

## Lca Human Toxicity Cancer<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/LCAHumanToxicityCancer">http://w3id.org/CE0N/demo/electronics/LCAHumanToxicityCancer</a>
<b>Sub Class Of</b>	<a href="#">LCValue<sup>C</sup></a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> only <a href="#">LCAUnit<sup>C</sup></a> <i>and</i> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> some <a href="#">LCAUnit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LCAHumanToxicityCancer<sup>C</sup></a>

## Lca Lonising Radition Human Health<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/LCALonisingRaditionHumanHealth">http://w3id.org/CE0N/demo/electronics/LCALonisingRaditionHumanHealth</a>
<b>Sub Class Of</b>	<a href="#">LCValue<sup>C</sup></a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> only <a href="#">LCAUnit<sup>C</sup></a> <i>and</i> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>Op</sup> some <a href="#">LCAUnit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LCALonisingRaditionHumanHealth<sup>C</sup></a>

## Lca Mineral Use<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LCAMineralUse>

**Sub Class Of** [LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/numericValue> only [LCAMineralUse<sup>C</sup>](#)

## Lca Unit<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LCAUnit>

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

## Lca Value<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LCAValue>

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

**In Range Of** [hasLCValue](#)<sup>op</sup>

**Super Class Of** [LCAAcidification<sup>C</sup>](#)  
[LCAClimateChange<sup>C</sup>](#)  
[LCAClimateChangeBiogenic<sup>C</sup>](#)  
[LCAClimateChangeFossil<sup>C</sup>](#)  
[LCAEcotoxicityFreshWater<sup>C</sup>](#)  
[LCAEutrophicationFreshWater<sup>C</sup>](#)  
[LCAEutrophicationMarine<sup>C</sup>](#)  
[LCAHumanToxicityCancer<sup>C</sup>](#)  
[LCAIonisingRaditionHumanHealth<sup>C</sup>](#)  
[LCAMineralUse<sup>C</sup>](#)  
[LCAWaterUse<sup>C</sup>](#)

## Lca Water Use<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LCAWaterUse>

**Sub Class Of** [LCValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> only [LCAUnit<sup>C</sup>](#) *and*  
<http://qudt.org/schema/qudt/hasUnit><sup>op</sup> some [LCAUnit<sup>C</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/numericValue> only [LCAWaterUse<sup>C</sup>](#)

## Laminate Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/LaminateMaterial>

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

## Length<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Length">http://w3id.org/CEON/demo/electronics/Length</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Range Of</b>	<a href="#">hasLength</a> <sup>op</sup>

## Length Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/LengthValue">http://w3id.org/CEON/demo/electronics/LengthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LengthValue</a> <sup>C</sup>

## Life Span Time<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/LifeSpanTime">http://w3id.org/CEON/demo/electronics/LifeSpanTime</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasLifeSpanTimeValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasLifeSpanTime</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasLifeSpanTimeValue</a> <sup>op</sup> only <a href="#">LifeSpanTime</a> <sup>C</sup>

## Life Span Time Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/LifeSpanTimeValue">http://w3id.org/CEON/demo/electronics/LifeSpanTimeValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasLifeSpanTimeValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> value <a href="#">LifeSpanTimeValue</a> <sup>C</sup> <a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LifeSpanTimeValue</a> <sup>C</sup>

## Material Grade<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MaterialGrade">http://w3id.org/CEON/demo/electronics/MaterialGrade</a>
<b>Named Individuals</b>	<a href="#">N35H</a> <sup>ni</sup>

## Matrix Additive Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MatrixAdditiveMaterial">http://w3id.org/CEON/demo/electronics/MatrixAdditiveMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Maximum Energy Product<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MaximumEnergyProduct">http://w3id.org/CEON/demo/electronics/MaximumEnergyProduct</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasMaximumEnergyProductValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasMaximumEnergyProduct</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasMaximumEnergyProductValue</a> <sup>op</sup> only <a href="#">MaximumEnergyProduct</a> <sup>C</sup>

## Maximum Energy Product Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MaximumEnergyProductValue">http://w3id.org/CEON/demo/electronics/MaximumEnergyProductValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasMaximumEnergyProductValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MaximumEnergyProductValue</a> <sup>C</sup>

## Metal Composition<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MetalComposition">http://w3id.org/CEON/demo/electronics/MetalComposition</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/MatterComposition">http://w3id.org/CEON/ontology/product/MatterComposition</a>
<b>In Domain Of</b>	<a href="#">hasMetalCompositionValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasMetalCompositionValue</a> <sup>op</sup> only <a href="#">MetalComposition</a> <sup>C</sup>

## Metal Composition Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/MetalCompositionValue">http://w3id.org/CEON/demo/electronics/MetalCompositionValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasMetalCompositionValue</a> <sup>op</sup>

## Metal Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/MetalMaterial>

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

**Super Class Of**

- [ActinoidsMetal<sup>C</sup>](#)
- [AlkaliMetal<sup>C</sup>](#)
- [AlkalineEarthMetal<sup>C</sup>](#)
- [TransitionalMetal<sup>C</sup>](#)

## Motor Speed Type<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/MotorSpeedType>

**Named Individuals** [continuous\\_variable\\_speed<sup>ni</sup>](#)

## Motor Type<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/MotorType>

**Named Individuals** [Induction<sup>ni</sup>](#)

## Neodymium Magnet<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/NeodymiumMagnet>

**Sub Class Of** [ElectronicsProduct<sup>C</sup>](#)

**Named Individuals** [neodymium\\_magnet\\_x<sup>ni</sup>](#)

## Non Metal Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/NonMetalMaterial>

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

**Named Individuals**

- [carbon\\_material\\_a<sup>ni</sup>](#)
- [nitrogen\\_material\\_a<sup>ni</sup>](#)

## Operating Voltage<sup>C</sup>

**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<sup>op</sup>](#)

**In Range Of** [hasOperatingVoltage<sup>op</sup>](#)

**Restriction** [hasOperatingVoltageValue<sup>op</sup>](#) only [OperatingVoltage<sup>C</sup>](#)

## Operating Voltage Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/OperatingVoltageValue">http://w3id.org/CEON/demo/electronics/OperatingVoltageValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup>
<b>In Range Of</b>	<a href="#">hasOperatingVoltageValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">OperatingVoltageValue</a> <sup>c</sup>

## Post Consumer Recycled Content<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContent">http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContent</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/ProductComposition">http://w3id.org/CEON/ontology/product/ProductComposition</a>
<b>In Domain Of</b>	<a href="#">hasPostConsumerRecycledContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasPostConsumerRecycledContentValue</a> <sup>op</sup> only <a href="#">PostConsumerRecycledContent</a> <sup>c</sup>

## Post Consumer Recycled Content Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContentValue">http://w3id.org/CEON/demo/electronics/PostConsumerRecycledContentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasPostConsumerRecycledContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> value <a href="#">PostConsumerRecycledContentValue</a> <sup>c</sup> <a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">PostConsumerRecycledContentValue</a> <sup>c</sup>

## Post Customer Recycled Content<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PostCustomerRecycledContent">http://w3id.org/CEON/demo/electronics/PostCustomerRecycledContent</a>
<b>Named Individuals</b>	<a href="#">content_1</a> <sup>ni</sup>

## Pre Consumer Recycled Content<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContent">http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContent</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/ProductComposition">http://w3id.org/CEON/ontology/product/ProductComposition</a>
<b>In Domain Of</b>	<a href="#">hasPreConsumerRecycledContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasPreConsumerRecycledContentValue</a> <sup>op</sup> only <a href="#">PreConsumerRecycledContent</a> <sup>c</sup>

## Pre Consumer Recycled Content Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContentValue">http://w3id.org/CEON/demo/electronics/PreConsumerRecycledContentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasPreConsumerRecycledContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> value <a href="#">PreConsumerRecycledContentValue</a> <sup>c</sup> <a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">PreConsumerRecycledContentValue</a> <sup>c</sup>

## Prepreg Material<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/PrepregMaterial">http://w3id.org/CEON/demo/electronics/PrepregMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Rare Earth Composition<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RareEarthComposition">http://w3id.org/CEON/demo/electronics/RareEarthComposition</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/MatterComposition">http://w3id.org/CEON/ontology/product/MatterComposition</a>
<b>In Domain Of</b>	<a href="#">hasRareEarthCompositionValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRareEarthCompositionValue</a> <sup>op</sup> only <a href="#">RareEarthComposition</a> <sup>c</sup>

## Rare Earth Composition Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RareEarthCompositionValue">http://w3id.org/CEON/demo/electronics/RareEarthCompositionValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasRareEarthCompositionValue</a> <sup>op</sup>



## Rare Earth Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RareEarthMaterial">http://w3id.org/CEON/demo/electronics/RareEarthMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Rated Load Amps<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedLoadAmps">http://w3id.org/CEON/demo/electronics/RatedLoadAmps</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRatedLoadAmpsValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasRatedLoadAmps</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRatedLoadAmpsValue</a> <sup>op</sup> only <a href="#">RatedLoadAmps</a> <sup>C</sup>

## Rated Load Amps Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedLoadAmpsValue">http://w3id.org/CEON/demo/electronics/RatedLoadAmpsValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRatedLoadAmpsValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RatedLoadAmpsValue</a> <sup>C</sup>

## Rated Power Output<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedPowerOutput">http://w3id.org/CEON/demo/electronics/RatedPowerOutput</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRatedPowerOutputValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasRatedPowerOutput</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRatedPowerOutputValue</a> <sup>op</sup> only <a href="#">RatedPowerOutput</a> <sup>C</sup>

## Rated Power Output Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedPowerOutputValue">http://w3id.org/CEON/demo/electronics/RatedPowerOutputValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup>
<b>In Range Of</b>	<a href="#">hasRatedPowerOutputValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RatedPowerOutputValue</a> <sup>c</sup>

## Rated Rpm<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedRPM">http://w3id.org/CEON/demo/electronics/RatedRPM</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRatedRPMValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasRatedRPM</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRatedRPMValue</a> <sup>op</sup> only <a href="#">RatedRPM</a> <sup>c</sup>

## Rated Rpm Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RatedRPMValue">http://w3id.org/CEON/demo/electronics/RatedRPMValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup>
<b>In Range Of</b>	<a href="#">hasRatedRPMValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RatedRPMValue</a> <sup>c</sup>

## Recycling Pressure<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RecyclingPressure">http://w3id.org/CEON/demo/electronics/RecyclingPressure</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a>
<b>Restriction</b>	<a href="#">hasRecyclingPressureValue</a> <sup>op</sup> only <a href="#">RecyclingPressure</a> <sup>c</sup>

## Recycling Pressure Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/RecyclingPressureValue">http://w3id.org/CE0N/demo/electronics/RecyclingPressureValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRecyclingPressureValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingPressureValue</a> <sup>C</sup>

## Recycling Process Duration<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/RecyclingProcessDuration">http://w3id.org/CE0N/demo/electronics/RecyclingProcessDuration</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRecyclingProcessDuration</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingProcessDuration</a> <sup>C</sup>

## Recycling Temperature Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/RecyclingTemperatureValue">http://w3id.org/CE0N/demo/electronics/RecyclingTemperatureValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRecyclingProcessTemperature</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingTemperatureValue</a> <sup>C</sup>

## Refractive Index At25<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/RefractiveIndexAt25">http://w3id.org/CE0N/demo/electronics/RefractiveIndexAt25</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Range Of</b>	<a href="#">hasRefractiveIndexAt25</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRefractiveIndexAt25</a> <sup>op</sup> only <a href="#">RefractiveIndexAt25</a> <sup>C</sup>

## Refractive Index At25Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RefractiveIndexAt25Value">http://w3id.org/CEON/demo/electronics/RefractiveIndexAt25Value</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RefractiveIndexAt25Value</a> <sup>C</sup>

## Remanent Magnetic Flux Density<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensity">http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensity</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRemanentMagneticFluxDensityValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasRemanentMagneticFluxDensity</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRemanentMagneticFluxDensityValue</a> <sup>op</sup> only <a href="#">RemanentMagneticFluxDensity</a> <sup>C</sup>

## Remanent Magnetic Flux Density Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensityValue">http://w3id.org/CEON/demo/electronics/RemanentMagneticFluxDensityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRemanentMagneticFluxDensityValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RemanentMagneticFluxDensityValue</a> <sup>C</sup>

## Renewable Content<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RenewableContent">http://w3id.org/CEON/demo/electronics/RenewableContent</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/product/ProductComposition">http://w3id.org/CEON/ontology/product/ProductComposition</a>
<b>In Domain Of</b>	<a href="#">hasRenewableContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasRenewableContentValue</a> <sup>op</sup> only <a href="#">RenewableContent</a> <sup>C</sup>

## Renewable Content Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/RenewableContentValue">http://w3id.org/CEON/demo/electronics/RenewableContentValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasRenewableContentValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> value <a href="#">RenewableContentValue</a> <sup>c</sup> <a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RenewableContentValue</a> <sup>c</sup>

## Resin Material<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ResinMaterial">http://w3id.org/CEON/demo/electronics/ResinMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Resistivity<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Resistivity">http://w3id.org/CEON/demo/electronics/Resistivity</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasResistivityValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasResistivityValue</a> <sup>op</sup> only <a href="#">Resistivity</a> <sup>c</sup>

## Resistivity Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ResistivityValue">http://w3id.org/CEON/demo/electronics/ResistivityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a>
<b>In Range Of</b>	<a href="#">hasResistivityValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ResistivityValue</a> <sup>c</sup>

## Shape<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Shape">http://w3id.org/CEON/demo/electronics/Shape</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Range Of</b>	<a href="#">hasShape</a> <sup>op</sup>
<b>Named Individuals</b>	<a href="#">cylinder</a> <sup>ni</sup>

## Shear Strength<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ShearStrength">http://w3id.org/CEON/demo/electronics/ShearStrength</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasShearStrengthValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasShearStrength</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasShearStrengthValue</a> <sup>op</sup> only <a href="#">ShearStrength</a> <sup>C</sup>

## Shear Strength Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/ShearStrengthValue">http://w3id.org/CEON/demo/electronics/ShearStrengthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasShearStrengthValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ShearStrengthValue</a> <sup>C</sup>

## Speaker<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Speaker">http://w3id.org/CEON/demo/electronics/Speaker</a>
<b>Sub Class Of</b>	<a href="#">ElectronicsProduct</a> <sup>C</sup>
<b>Named Individuals</b>	<a href="#">speaker_x</a> <sup>hi</sup>

## Stiffness<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/Stiffness">http://w3id.org/CEON/demo/electronics/Stiffness</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasStiffnessValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasStiffness</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasStiffnessValue</a> <sup>op</sup> only <a href="#">Stiffness</a> <sup>C</sup>

## Stiffness Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/StiffnessValue">http://w3id.org/CEON/demo/electronics/StiffnessValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasStiffnessValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">StiffnessValue</a> <sup>C</sup>

## Surface Finish Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/SurfaceFinishMaterial">http://w3id.org/CEON/demo/electronics/SurfaceFinishMaterial</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/material/Material">http://w3id.org/CEON/ontology/material/Material</a>

## Tensile Modulus<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TensileModulus">http://w3id.org/CEON/demo/electronics/TensileModulus</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasTensileModulusValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasTensileModulus</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasTensileModulusValue</a> <sup>op</sup> only <a href="#">TensileModulus</a> <sup>C</sup>

## Tensile Modulus Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TensileModulusValue">http://w3id.org/CEON/demo/electronics/TensileModulusValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasTensileModulusValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">TensileModulusValue</a> <sup>C</sup>

## Tensile Strength<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TensileStrength">http://w3id.org/CEON/demo/electronics/TensileStrength</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasTensileStrengthValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasTensileStrength</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasTensileStrengthValue</a> <sup>op</sup> only <a href="#">TensileStrength</a> <sup>C</sup>

## Tensile Strength Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TensileStrengthValue">http://w3id.org/CEON/demo/electronics/TensileStrengthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasTensileStrengthValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">TensileStrengthValue</a> <sup>C</sup>

## Transition Temperature<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TransitionTemperature">http://w3id.org/CEON/demo/electronics/TransitionTemperature</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasTransitionTemperatureValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasTransitionTemperature</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasTransitionTemperatureValue</a> <sup>op</sup> only <a href="#">TransitionTemperature</a> <sup>C</sup>

## Transition Temperature Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/TransitionTemperatureValue">http://w3id.org/CEON/demo/electronics/TransitionTemperatureValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasTransitionTemperatureValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">TransitionTemperatureValue</a> <sup>C</sup>



## Transitional Metal<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/TransitionalMetal>

**Sub Class Of** [MetalMaterial<sup>C</sup>](#)

## Unknown Acute Toxicity Percentage<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/UnknownAcuteToxicityPercentage>

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

**In Range Of** [hasUnknownAcuteToxicity<sup>op</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/hasUnit<sup>op</sup>> value [UnknownAcuteToxicityPercentage<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/numericValue> only [UnknownAcuteToxicityPercentage<sup>C</sup>](#)

## Virgin Fossil Content<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/VirginFossilContent>

**In Domain Of** [hasVirginFossilContentValue<sup>op</sup>](#)

## Virgin Fossil Content Value<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/VirginFossilContentValue>

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

**In Range Of** [hasVirginFossilContentValue<sup>op</sup>](#)

**Restriction** <http://qudt.org/schema/qudt/hasUnit<sup>op</sup>> value [VirginFossilContentValue<sup>C</sup>](#)  
<http://qudt.org/schema/qudt/numericValue> only [VirginFossilContentValue<sup>C</sup>](#)

## Virgin Fossil Content<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/VirginFossilContent>

**Sub Class Of** <http://qudt.org/schema/qudt/Quantity>  
<http://w3id.org/CE0N/ontology/product/ProductComposition>

**Restriction** [hasVirginFossilContentValue<sup>op</sup>](#) only [VirginFossilContent<sup>C</sup>](#)

## Viscosity At25<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/ViscosityAt25">http://w3id.org/CE0N/demo/electronics/ViscosityAt25</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasViscosityAt25Value</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasViscosityAt25</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasViscosityAt25Value</a> <sup>op</sup> only <a href="#">ViscosityAt25</a> <sup>C</sup>

## Viscosity At25Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/ViscosityAt25Value">http://w3id.org/CE0N/demo/electronics/ViscosityAt25Value</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasViscosityAt25Value</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ViscosityAt25Value</a> <sup>C</sup>

## Width<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/Width">http://w3id.org/CE0N/demo/electronics/Width</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Range Of</b>	<a href="#">hasWidth</a> <sup>op</sup>

## Width Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/electronics/WidthValue">http://w3id.org/CE0N/demo/electronics/WidthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> <sup>op</sup> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">WidthValue</a> <sup>C</sup>

## Issuing Resource<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/actor/IssuingResource">http://w3id.org/CE0N/ontology/actor/IssuingResource</a>
<b>Named Individuals</b>	<a href="#">ds_issue_1</a> <sup>ni</sup>

## Process Participation<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor/ProcessParticipation>

**Named Individuals** [s63](#)<sup>ni</sup>

## Producing Resource<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor/ProducingResource>

**Named Individuals** [ss\\_1](#)<sup>ni</sup>  
[ss\\_2](#)<sup>ni</sup>  
[ss\\_3](#)<sup>ni</sup>

## Supplying Resource<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor/SupplyingResource>

**Named Individuals** [s7](#)<sup>ni</sup>

## Actor<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/actorODP/Actor>

**Named Individuals** [M](#)<sup>ni</sup>  
[company\\_a](#)<sup>ni</sup>  
[company\\_b](#)<sup>ni</sup>  
[company\\_x](#)<sup>ni</sup>  
[company\\_y](#)<sup>ni</sup>  
[dismantling\\_company\\_b](#)<sup>ni</sup>

## Resource Relation<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/actorODP/ResourceRelation>

**Named Individuals** [composition\\_a](#)<sup>ni</sup>

## Process<sup>C</sup>

**IRI** <http://w3id.org/CE0N/ontology/processODP/Process>

**Named Individuals** [dismantling\\_process\\_1](#)<sup>ni</sup>

## Statement<sup>c</sup>

**IRI** <http://w3id.org/CE0N/ontology/provenance/Statement>

**Super Class Of** [ElectronicsProductSourcingComponentRelation<sup>c</sup>](#)

**Named Individuals**  
[composition\\_a<sup>ni</sup>](#)  
[q1<sup>ni</sup>](#)

## Object Properties

### defined unit of system<sup>op</sup>

**IRI** <http://qudt.org/schema/qudt/definedUnitOfSystem>

### derived coherent unit of system<sup>op</sup>

**IRI** <http://qudt.org/schema/qudt/derivedCoherentUnitOfSystem>

### exact match<sup>op</sup>

**IRI** <http://qudt.org/schema/qudt/exactMatch>

### has dimension vector<sup>op</sup>

**IRI** <http://qudt.org/schema/qudt/hasDimensionVector>

### has unit<sup>op</sup>

**IRI** <http://qudt.org/schema/qudt/hasUnit>

### compliance with<sup>op</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/complianceWith>

### has catalyst composition value<sup>op</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasCatalystCompositionValue>

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

**Domain** [CatalystComposition<sup>c</sup>](#)

**Range** [CatalystCompositionValue<sup>c</sup>](#)

### has chemical element<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasChemicalElement>

**Range** <http://w3id.org/CEON/ontology/material/ChemicalElement>

### has chemical element composition value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasChemicalElementCompositionValue>

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

**Domain** [ChemicalElementComposition](#)<sup>c</sup>

**Range** [ChemicalElementCompositionValue](#)<sup>c</sup>

### has conductivity<sup>op</sup>

**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](#)<sup>c</sup>

### has conductivity value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasConductivityValue>

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

**Domain**

- [Conductivity](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Item><sup>c</sup> or <http://w3id.org/CEON/ontology/product/Product><sup>c</sup>

**Range** [ConductivityValue](#)<sup>c</sup>

### has density at25<sup>op</sup>

**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](#)<sup>c</sup>

has density at25value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDensityAt25Value>

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

**Domain**

- [DensityAt25](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Item><sup>c</sup> or <http://w3id.org/CEON/ontology/product/Product><sup>c</sup>

**Range** [DensityAt25Value](#)<sup>c</sup>

has depth<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDepth>

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

**Range** [Depth](#)<sup>c</sup>

has depth value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDepthValue>

**Sub Property Of** <http://w3id.org/CEON/ontology/quantity/hasDimension>

**Domain**

- [Depth](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Item><sup>c</sup> or <http://w3id.org/CEON/ontology/product/Product><sup>c</sup>

**Range** [DepthValue](#)<sup>c</sup>

has diameter<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDiameter>

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

**Super Property Of** [hasOuterDiameter](#)<sup>op</sup>

**Range** [Diameter](#)<sup>c</sup>

has diameter value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDiameterValue>

**Sub Property Of** <http://w3id.org/CEON/ontology/quantity/hasDimension>

**Domain**

- [Diameter](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Product><sup>c</sup> or <http://w3id.org/CEON/ontology/product/Item><sup>c</sup>

**Range** [DiameterValue](#)<sup>c</sup>

## has fiber elongation at break<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreak">http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreak</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">FiberElongationAtBreak<sup>c</sup></a>

## has fiber elongation at break value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreakValue">http://w3id.org/CEON/demo/electronics/hasFiberElongationAtBreakValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">FiberElongationAtBreak<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup> or <a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">FiberElongationAtBreakValue<sup>c</sup></a>

## has fiber volume content<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasFiberVolumeContent">http://w3id.org/CEON/demo/electronics/hasFiberVolumeContent</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">FiberVolumeContent<sup>c</sup></a>

## has fiber volume content value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasFiberVolumeContentValue">http://w3id.org/CEON/demo/electronics/hasFiberVolumeContentValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">FiberVolumeContent<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup> or <a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">FiberVolumeContentValue<sup>c</sup></a>

## has hazardous material<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasHazardousMaterial">http://w3id.org/CEON/demo/electronics/hasHazardousMaterial</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a> <sup>c</sup> <i>or</i> <a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a> <sup>c</sup>
<b>Range</b>	<a href="#">HazardousMaterialPercentage</a> <sup>c</sup>

## has lca value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasLCAValue">http://w3id.org/CEON/demo/electronics/hasLCAValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Range</b>	<a href="#">LCAValue</a> <sup>c</sup>

## has length<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasLength">http://w3id.org/CEON/demo/electronics/hasLength</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Range</b>	<a href="#">Length</a> <sup>c</sup>

## has life span time<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasLifeSpanTime">http://w3id.org/CEON/demo/electronics/hasLifeSpanTime</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Range</b>	<a href="#">LifeSpanTime</a> <sup>c</sup>

## has life span time value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasLifeSpanTimeValue">http://w3id.org/CEON/demo/electronics/hasLifeSpanTimeValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">LifeSpanTime</a><sup>c</sup></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup> <i>or</i> <a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">LifeSpanTimeValue</a> <sup>c</sup>



## has maximum energy product<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProduct">http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProduct</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">MaximumEnergyProduct<sup>c</sup></a>

## has maximum energy product value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProductValue">http://w3id.org/CEON/demo/electronics/hasMaximumEnergyProductValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">MaximumEnergyProduct<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup> or <a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">MaximumEnergyProductValue<sup>c</sup></a>

## has metal composition value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasMetalCompositionValue">http://w3id.org/CEON/demo/electronics/hasMetalCompositionValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<a href="#">MetalComposition<sup>c</sup></a>
<b>Range</b>	<a href="#">MetalCompositionValue<sup>c</sup></a>

## has operating voltage<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasOperatingVoltage">http://w3id.org/CEON/demo/electronics/hasOperatingVoltage</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">OperatingVoltage<sup>c</sup></a>

has operating voltage value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasOperatingVoltageValue>

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

**Domain**

- [OperatingVoltage](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Item><sup>c</sup> or <http://w3id.org/CEON/ontology/product/Product><sup>c</sup>

**Range** [OperatingVoltageValue](#)<sup>c</sup>

has outer diameter<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasOuterDiameter>

**Sub Property Of** [hasDiameter](#)<sup>op</sup>

has post consumer recycled content value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasPostConsumerRecycledContentValue>

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

**Domain** [PostConsumerRecycledContent](#)<sup>c</sup>

**Range** [PostConsumerRecycledContentValue](#)<sup>c</sup>

has pre consumer recycled content value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasPreConsumerRecycledContentValue>

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

**Domain** [PreConsumerRecycledContent](#)<sup>c</sup>

**Range** [PreConsumerRecycledContentValue](#)<sup>c</sup>

has rare earth composition value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRareEarthCompositionValue>

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

**Domain** [RareEarthComposition](#)<sup>c</sup>

**Range** [RareEarthCompositionValue](#)<sup>c</sup>

## has rated load amps<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRatedLoadAmps">http://w3id.org/CEON/demo/electronics/hasRatedLoadAmps</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">RatedLoadAmps<sup>c</sup></a>

## has rated load amps value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRatedLoadAmpsValue">http://w3id.org/CEON/demo/electronics/hasRatedLoadAmpsValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">RatedLoadAmps<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup> or <a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">RatedLoadAmpsValue<sup>c</sup></a>

## has rated power output<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRatedPowerOutput">http://w3id.org/CEON/demo/electronics/hasRatedPowerOutput</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">RatedPowerOutput<sup>c</sup></a>

## has rated power output value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRatedPowerOutputValue">http://w3id.org/CEON/demo/electronics/hasRatedPowerOutputValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">RatedPowerOutput<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a><sup>c</sup> or <a href="http://w3id.org/CEON/ontology/product/Product">http://w3id.org/CEON/ontology/product/Product</a><sup>c</sup></li></ul>
<b>Range</b>	<a href="#">RatedPowerOutputValue<sup>c</sup></a>

## has rated rpm<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRatedRPM">http://w3id.org/CEON/demo/electronics/hasRatedRPM</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">RatedRPM<sup>c</sup></a>

has rated rpm value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRatedRPMValue>

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

**Domain**

- [RatedRPM](#)<sup>c</sup>
- <http://w3id.org/CEON/ontology/product/Item>

**Range** [RatedRPMValue](#)<sup>c</sup>

has recycling pressure value<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRecyclingPressureValue>

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

**Range** [RecyclingPressureValue](#)<sup>c</sup>

has recycling process duration<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRecyclingProcessDuration>

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

**Range** [RecyclingProcessDuration](#)<sup>c</sup>

has recycling process temperature<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRecyclingProcessTemperature>

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

**Range** [RecyclingTemperatureValue](#)<sup>c</sup>

has refractive index at25<sup>op</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRefractiveIndexAt25>

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

**Range** [RefractiveIndexAt25](#)<sup>c</sup>

## has remanent magnetic flux density<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensity">http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensity</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">RemanentMagneticFluxDensity<sup>c</sup></a>

## has remanent magnetic flux density value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensityValue">http://w3id.org/CEON/demo/electronics/hasRemanentMagneticFluxDensityValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">RemanentMagneticFluxDensity<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">RemanentMagneticFluxDensityValue<sup>c</sup></a>

## has renewable content value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasRenewableContentValue">http://w3id.org/CEON/demo/electronics/hasRenewableContentValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">RenewableContent<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">RenewableContentValue<sup>c</sup></a>

## has resistivity value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasResistivityValue">http://w3id.org/CEON/demo/electronics/hasResistivityValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">Resistivity<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">ResistivityValue<sup>c</sup></a>

## has shape<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasShape">http://w3id.org/CEON/demo/electronics/hasShape</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Range</b>	<a href="#">Shape<sup>c</sup></a>

## has shear strength<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasShearStrength">http://w3id.org/CEON/demo/electronics/hasShearStrength</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">ShearStrength<sup>c</sup></a>

## has shear strength value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasShearStrengthValue">http://w3id.org/CEON/demo/electronics/hasShearStrengthValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">ShearStrength<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">ShearStrengthValue<sup>c</sup></a>

## has stiffness<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasStiffness">http://w3id.org/CEON/demo/electronics/hasStiffness</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">Stiffness<sup>c</sup></a>

## has stiffness value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasStiffnessValue">http://w3id.org/CEON/demo/electronics/hasStiffnessValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">Stiffness<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">StiffnessValue<sup>c</sup></a>

## has tensile modulus<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTensileModulus">http://w3id.org/CEON/demo/electronics/hasTensileModulus</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">TensileModulus<sup>c</sup></a>

## has tensile modulus value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTensileModulusValue">http://w3id.org/CEON/demo/electronics/hasTensileModulusValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">TensileModulus<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">TensileModulusValue<sup>c</sup></a>

## has tensile strength<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTensileStrength">http://w3id.org/CEON/demo/electronics/hasTensileStrength</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">TensileStrength<sup>c</sup></a>

## has tensile strength value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTensileStrengthValue">http://w3id.org/CEON/demo/electronics/hasTensileStrengthValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">TensileStrength<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">TensileStrengthValue<sup>c</sup></a>

## has transition temperature<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTransitionTemperature">http://w3id.org/CEON/demo/electronics/hasTransitionTemperature</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">TransitionTemperature<sup>c</sup></a>

## has transition temperature value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasTransitionTemperatureValue">http://w3id.org/CEON/demo/electronics/hasTransitionTemperatureValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">TransitionTemperature<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">TransitionTemperatureValue<sup>c</sup></a>

has unknown acute toxicity<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasUnknownAcuteToxicity">http://w3id.org/CEON/demo/electronics/hasUnknownAcuteToxicity</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">UnknownAcuteToxicityPercentage<sup>c</sup></a>

has virgin fosil content value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasVirginFosilContentValue">http://w3id.org/CEON/demo/electronics/hasVirginFosilContentValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">VirginFosilContent<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">VirginFosilContentValue<sup>c</sup></a>

has viscosity at25<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasViscosityAt25">http://w3id.org/CEON/demo/electronics/hasViscosityAt25</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a>
<b>Range</b>	<a href="#">ViscosityAt25<sup>c</sup></a>

has viscosity at25value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasViscosityAt25Value">http://w3id.org/CEON/demo/electronics/hasViscosityAt25Value</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">ViscosityAt25<sup>c</sup></a></li><li><a href="http://w3id.org/CEON/ontology/product/Item">http://w3id.org/CEON/ontology/product/Item</a></li></ul>
<b>Range</b>	<a href="#">ViscosityAt25Value<sup>c</sup></a>

has width<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/electronics/hasWidth">http://w3id.org/CEON/demo/electronics/hasWidth</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Range</b>	<a href="#">Width<sup>c</sup></a>



participant role<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor0DP/participantRole>

participating actor<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor0DP/participatingActor>

participating resource<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor0DP/participatingResource>

participation in<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/actor0DP/participationIn>

## Datatype Properties

conversion multiplier<sup>dp</sup>

**IRI** <http://qudt.org/schema/qudt/conversionMultiplier>

iec61360code<sup>dp</sup>

**IRI** <http://qudt.org/schema/qudt/iec61360Code>

numerical value<sup>dp</sup>

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

si units expression<sup>dp</sup>

**IRI** <http://qudt.org/schema/qudt/siUnitsExpression>

has astm compliance file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasASTMComplianceFileUrl>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has batch invoice number<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasBatchInvoiceNumber>

**Range** [xsd:string](#)

has batch number<sup>dp</sup>

**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<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasBlackECoatingBrandName>

**Range** [xsd:string](#)

has black e coating technical datasheet<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasBlackECoatingTechnicalDatasheet>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has casting certificate<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasCastingCertificate>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has decommissioning date<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDecommissioningDate>

**Range** [xsd:dateTime](#)

has decommission reason<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasDecommissionReason>

**Range** [xsd:string](#)

has efficiency class<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasEfficiencyClass>

has environmental product declaration<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasEnvironmentalProductDeclaration>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasFileUrl>

**Super Property Of**

- [hasASTMComplianceFileUrl](#)<sup>dp</sup>
- [hasBlackECoatingTechnicalDatasheet](#)<sup>dp</sup>
- [hasCastingCertificate](#)<sup>dp</sup>
- [hasEnvironmentalProductDeclaration](#)<sup>dp</sup>
- [hasFireWorkingConditionComplianceFileUrl](#)<sup>dp</sup>
- [hasHysteresisCurveTechReport](#)<sup>dp</sup>
- [hasISOComplianceFileUrl](#)<sup>dp</sup>
- [hasLCAReport](#)<sup>dp</sup>
- [hasMaterialDatasheet](#)<sup>dp</sup>
- [hasNormativeReferenceFileUrl](#)<sup>dp</sup>
- [hasPassivationProductTechnicalDatasheet](#)<sup>dp</sup>
- [hasREACHComplianceFileUrl](#)<sup>dp</sup>
- [hasResponsibleSourcingCertificate](#)<sup>dp</sup>
- [hasRoHSComplianceFileUrl](#)<sup>dp</sup>
- [hasSafetyDatasheet](#)<sup>dp</sup>
- [hasSupplyDueDiligencePolicyReport](#)<sup>dp</sup>
- [hasSustainabilityDeclaration](#)<sup>dp</sup>

**Range** [xsd:string](#)

has fire working condition compliance file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasFireWorkingConditionComplianceFileUrl>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has hysteresis curve tech report<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasHysteresisCurveTechReport>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has iso compliance file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasISOComplianceFileUrl>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has installation date<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasInstallationDate>

**Range** [xsd:dateTime](#)

has installation instructions<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasInstallationInstructions>

**Range** [xsd:string](#)

has intended application<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasIntendedApplication>

**Range** [xsd:string](#)

has lca report<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasLCAReport>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has lay up sequence<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasLayUpSequence>

**Range** [xsd:string](#)

has magnet location<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMagnetLocation>

**Range** [xsd:string](#)

has maintenance instructions<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMaintenanceInstructions>

**Range** [xsd:string](#)

has maintenance measures<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMaintenanceMeasures>

**Range** [xsd:string](#)

has maintenance report<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMaintenanceReport>

**Range** [xsd:string](#)

has maintenance trigger<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMaintenanceTrigger>

**Range** [xsd:string](#)

has manufacturing sequence<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasManufacturingSequence>

**Range** [xsd:string](#)

has material datasheet<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasMaterialDatasheet>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has normative reference file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasNormativeReferenceFileUrl>

**Sub Property Of** [hasFileUrl<sup>dp</sup>](#)

**Range** [xsd:string](#)

has part number code<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasPartNumberCode>

**Range** [xsd:string](#)

has passivation product technical datasheet<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasPassivationProductTechnicalDatasheet>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has production date<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasProductionDate>

**Domain** <http://w3id.org/CEON/ontology/resourceODP/BatchOfObjects>

**Range** [xsd:dateTime](#)

has quality test link<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasQualityTestLink>

**Range** [xsd:string](#)

has reach compliance file url<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasREACHComplianceFileUrl>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has recycling process name<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRecyclingProcessName>

**Range** [xsd:string](#)

has repair instructions<sup>dp</sup>

**IRI** <http://w3id.org/CEON/demo/electronics/hasRepairInstructions>

**Range** [xsd:anyURI](#)

has reported damage<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasReportedDamage>

**Range** [xsd:string](#)

has reported repairs<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasReportedRepairs>

**Range** [xsd:string](#)

has responsible sourcing certificate<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasResponsibleSourcingCertificate>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has ro hs compliance file url<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasRoHSComplianceFileUrl>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has safety datasheet<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasSafetyDatasheet>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has site name<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasSiteName>

**Range** [xsd:string](#)

has size level<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasSizeLevel>

**Range** [xsd:double](#)

has supply due diligence policy report<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasSupplyDueDiligencePolicyReport>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has sustainability declaration<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasSustainabilityDeclaration>

**Sub Property Of** [hasFileUrl](#)<sup>dp</sup>

**Range** [xsd:string](#)

has use and assembly instructions<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasUseAndAssemblyInstructions>

**Range** [xsd:string](#)

hasdisassembly instructions<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/hasdisassemblyInstructions>

**Range** [xsd:string](#)

is adhesive contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isAdhesiveContained>

**Range** [xsd:boolean](#)

is bromide contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isBromideContained>

**Range** [xsd:boolean](#)

is catalyst contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isCatalystContained>

**Range** [xsd:boolean](#)



is cores contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isCoresContained>

is flame retardant<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isFlameRetardant>

**Range** [xsd:boolean](#)

is high uv resistance<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isHighUVResistance>

**Range** [xsd:boolean](#)

is laminate contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isLaminateContained>

**Range** [xsd:boolean](#)

is matrix additive contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isMatrixAdditiveContained>

**Range** [xsd:boolean](#)

is metal contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isMetalContained>

**Range** [xsd:boolean](#)

is nitrogen contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isNitrogenContained>

**Range** [xsd:boolean](#)

is oxygen contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isOxygenContained>

**Range** [xsd:boolean](#)

is pre preg contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isPrePregContained>

**Range** [xsd:boolean](#)

is reac hcomplied<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isREACHcomplied>

**Range** [xsd:boolean](#)

is rare earth contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isRareEarthContained>

**Range** [xsd:boolean](#)

is ro hs complied<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isRoHSComplied>

**Range** [xsd:boolean](#)

is surface finish contained<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/isSurfaceFinishContained>

**Range** [xsd:boolean](#)

number of recycling cycles<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/electronics/numberOfRecyclingCycles>

participation time point<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/ontology/actorODP/participationTimePoint>

## Annotation Properties

expression <sup>ap</sup>	
IRI	<a href="http://qudt.org/schema/qudt/expression">http://qudt.org/schema/qudt/expression</a>
participating object <sup>ap</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/actorODP/participatingObject">http://w3id.org/CEON/ontology/actorODP/participatingObject</a>
participating subject <sup>ap</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/actorODP/participatingSubject">http://w3id.org/CEON/ontology/actorODP/participatingSubject</a>
statement about <sup>ap</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/statement/statementAbout">http://w3id.org/CEON/ontology/statement/statementAbout</a>

## Namespaces

:	<a href="http://w3id.org/CEON/demo/electronics/">http://w3id.org/CEON/demo/electronics/</a>
dcterms	<a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a>
owl	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
prov	<a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>
rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
rdfs	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>
vann	<a href="http://purl.org/vocab/vann/">http://purl.org/vocab/vann/</a>
xsd	<a href="http://www.w3.org/2001/XMLSchema#">http://www.w3.org/2001/XMLSchema#</a>

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties