

Circular Economy Ontology Network (CEON) - Product Module

Metadata

IRI

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

Title

Circular Economy Ontology Network (CEON) - Product Module

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License

<https://github.com/LiUSemWeb/CEON/blob/master/LICENSE>

Version Iri

<http://w3id.org/CEON/ontology/product/0.1/>

Version Info

0.1

Preferred Namespace Prefix

product

Preferred Namespace Uri

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

Description

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

Covers Requirements

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.1: CVN-Resource-2, CVN-ResouceType-4, C11-2, C12-1, C13-3, E2-1, T8-3.

Classes

Product ^c	
IRI	http://w3id.org/CEON/ontology/product/Product
Description	A product is a physical object put into a market for sale. The product can be a thing that grows naturally or produced through some chemical or manufacturing processes.
Sub Class Of	resourceODP:PhysicalObject ^c hasProductComponent ^{op} some ProductComponent ^c and hasProductComponent ^{op} only ProductComponent ^c
In Domain Of	hasProductComponent ^{op}

ProductComponent^c

IRI	http://w3id.org/CEON/ontology/product/ProductComponent
Description	A product component is a part of a product.
Sub Class Of	resourceODP:Constituent^c
In Range Of	hasProductComponent^{op}

Constituent^c

IRI	http://w3id.org/CEON/ontology/resourceODP/Constituent
Super Class Of	ProductComponent^c

Matter^c

IRI	http://w3id.org/CEON/ontology/resourceODP/Matter
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Physical Object^c

IRI	http://w3id.org/CEON/ontology/resourceODP/PhysicalObject
Super Class Of	Product^c

Resource^c

IRI	http://w3id.org/CEON/ontology/resourceODP/Resource
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Object Properties

hasProductComponent^{op}

IRI	http://w3id.org/CEON/ontology/product/hasProductComponent
Description	hasProductComponent intends to represent that a product can have a collection of components.
Domain	Product^c
Range	ProductComponent^c

Annotation Properties

contributor ^{ap}
IRI http://purl.org/dc/terms/contributor
created ^{ap}
IRI http://purl.org/dc/terms/created
creator ^{ap}
IRI http://purl.org/dc/terms/creator
description ^{ap}
IRI http://purl.org/dc/terms/description
license ^{ap}
IRI http://purl.org/dc/terms/license
title ^{ap}
IRI http://purl.org/dc/terms/title
preferred namespace prefix ^{ap}
IRI http://purl.org/vocab/vann/preferredNamespacePrefix
preferred namespace uri ^{ap}
IRI http://purl.org/vocab/vann/preferredNamespaceUri
covers requirements ^{ap}
IRI http://www.ontologydesignpatterns.org/schemas/cpannotationSchema.owl#coversRequirements

Namespaces

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dcterms <http://w3id.org/CEON/ontology/product/>

dcterms <http://purl.org/dc/terms/>

odp <http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#>

owl

<http://www.w3.org/2002/07/owl#>

prov

<http://www.w3.org/ns/prov#>

rdf

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

rdfs

<http://www.w3.org/2000/01/rdf-schema#>

resourceODP

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

vann

<http://purl.org/vocab/vann/>

Legend

c	Classes
op	Object Properties
ap	Annotation Properties