

# Core Digital Product Passport Ontology

## Metadata

### IRI

<http://w3id.org/dppo/ontology/dpp-core/>

### Title

Core Digital Product Passport Ontology

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### License

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

### Version Iri

<http://w3id.org/dppo/ontology/dpp-core/0.1/>

### Version Info

0.1

### Preferred Namespace Prefix

dpp-core

### Preferred Namespace Uri

<http://w3id.org/dppo/ontology/dpp-core/>

### Description

This is a minimal core ontology for DPPs, specialising the DPP ODP.

## Classes

### Component<sup>C</sup>

#### IRI

<http://w3id.org/dppo/ontology/dpp-core/Component>

#### Description

A product that is a component of some other product.

#### Sub Class Of

<http://w3id.org/dppo/ontology/dpp-odp/Product><sup>C</sup>

## Component DPP<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/ComponentDPP">http://w3id.org/dppo/ontology/dpp-core/ComponentDPP</a>
<b>Description</b>	A DPP that describes a component.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a>
<b>Equivalentclass</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/describes&lt;sup&gt;op&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/describes<sup>op</sup></a> some <a href="#">Component<sup>C</sup></a> <i>and</i> <a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a>

## Consumer product<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/ConsumerProduct">http://w3id.org/dppo/ontology/dpp-core/ConsumerProduct</a>
<b>Description</b>	A consumer product, i.e. a product that is sold directly to end users (consumers).
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/Product<sup>C</sup></a>

## Consumer Product DPP<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/ConsumerProductDPP">http://w3id.org/dppo/ontology/dpp-core/ConsumerProductDPP</a>
<b>Description</b>	A DPP describing a consumer product.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a>
<b>Equivalentclass</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a> <i>and</i> <a href="http://w3id.org/dppo/ontology/dpp-odp/describes&lt;sup&gt;op&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/describes<sup>op</sup></a> some <a href="#">Consumer product<sup>C</sup></a>

## Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/Material">http://w3id.org/dppo/ontology/dpp-core/Material</a>
<b>Description</b>	A material, that is sold as a product by the producer.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product&lt;sup&gt;C&lt;/sup">http://w3id.org/dppo/ontology/dpp-odp/Product<sup>C</sup></a>

## Material DPP<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/MaterialDPP">http://w3id.org/dppo/ontology/dpp-core/MaterialDPP</a>
<b>Description</b>	A DPP describing a material.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a>
<b>Equivalentclass</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a> <i>and</i> <a href="http://w3id.org/dppo/ontology/dpp-odp/describes&lt;sup&gt;op&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/describes<sup>op</sup></a> some <a href="#">Material<sup>C</sup></a>

## Substance<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/Substance">http://w3id.org/dppo/ontology/dpp-core/Substance</a>
<b>Description</b>	A substance, that is sold as a product by the producer.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product&lt;sup&gt;C&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/Product<sup>C</sup></a>

## Substance DPP<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/SubstanceDPP">http://w3id.org/dppo/ontology/dpp-core/SubstanceDPP</a>
<b>Description</b>	A DPP describing a substance.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a>
<b>Equivalentclass</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP&lt;sup&gt;C&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/DPP<sup>C</sup></a> <i>and</i> <a href="http://w3id.org/dppo/ontology/dpp-odp/describes&lt;sup&gt;op&lt;/sup&gt;">http://w3id.org/dppo/ontology/dpp-odp/describes<sup>op</sup></a> some <a href="#">Substance<sup>C</sup></a>

## Dpp<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/DPP">http://w3id.org/dppo/ontology/dpp-odp/DPP</a>
<b>Super Class Of</b>	<a href="#">Component DPP<sup>C</sup></a> <a href="#">Comsumer Product DPP<sup>C</sup></a> <a href="#">Material DPP<sup>C</sup></a> <a href="#">Substance DPP<sup>C</sup></a>

## Product<sup>c</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-odp/Product>

### Super Class Of

[Component<sup>c</sup>](#)

[Consumer product<sup>c</sup>](#)

[Material<sup>c</sup>](#)

[Substance<sup>c</sup>](#)

## Object Properties

### describes<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-odp/describes>

## Annotation Properties

### contributor<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/contributor>

### created<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/created>

### creator<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/creator>

### description<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/description>

### license<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/license>

title <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/title">http://purl.org/dc/terms/title</a>

preferred namespace prefix <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespacePrefix">http://purl.org/vocab/vann/preferredNamespacePrefix</a>

preferred namespace uri <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a>

## Namespaces

:	<a href="http://w3id.org/dppo/ontology/dpp-core/">http://w3id.org/dppo/ontology/dpp-core/</a>
<b>dcterms</b>	<a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a>
<b>owl</b>	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
<b>prov</b>	<a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>
<b>rdf</b>	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
<b>rdfs</b>	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>
<b>vann</b>	<a href="http://purl.org/vocab/vann/">http://purl.org/vocab/vann/</a>

## Legend

c	Classes
op	Object Properties
ap	Annotation Properties