

# 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&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="#">Component<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&gt;">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&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/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> <i>and</i> <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>

## 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&gt;">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/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> <i>and</i> <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>

## 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/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> <i>and</i> <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>

## 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	http://purl.org/dc/terms/title

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

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

## Namespaces

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

## Legend

c	Classes
op	Object Properties
ap	Annotation Properties