

# Digital Product Passport Information Ontology

## Metadata

### IRI

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

### Title

Digital Product Passport Information Ontology

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### License

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

### Version Iri

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

### Version Info

0.1

### Preferred Namespace Prefix

dpp-info

### Preferred Namespace Uri

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

### Description

This is a minimal core ontology describing DPP information types.

## Classes

Certificate Information <sup>C</sup>	
IRI	<a href="http://w3id.org/dppo/ontology/dpp-info/CertificateInformation">http://w3id.org/dppo/ontology/dpp-info/CertificateInformation</a>
Sub Class Of	<a href="#">DPPInformation<sup>C</sup></a>
In Domain Of	<a href="#">certificateDocument<sup>op</sup></a>

## Composition Information<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/CompositionInformation>

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

## Dpp Information<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/DPPInformation>

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

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

**Restriction** [isAbout<sup>op</sup>](#) some [DPPInformation<sup>C</sup>](#)

**Super Class Of** [CertificateInformation<sup>C</sup>](#)  
[CompositionInformation<sup>C</sup>](#)  
[DisassemblyInformation<sup>C</sup>](#)  
[LegalGuarantee<sup>C</sup>](#)  
[ProductCharacteristic<sup>C</sup>](#)  
[ProductQuality<sup>C</sup>](#)  
[RepairInstruction<sup>C</sup>](#)

## Disassembly Information<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/DisassemblyInformation>

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

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

## Legal Guarantee<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/LegalGuarantee>

**Sub Class Of** [DPPInformation<sup>C</sup>](#)  
[startTime<sup>dp</sup>](#) *exactly 1* [1<sup>C</sup>](#) *and* [endTime<sup>dp</sup>](#) *exactly 1* [1<sup>C</sup>](#)

## Product Characteristic<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/ProductCharacteristic>

**Sub Class Of** [DPPInformation<sup>C</sup>](#)  
[value<sup>dp</sup>](#) some [Literal<sup>C</sup>](#) and [characteristic<sup>op</sup>](#) some [Thing<sup>C</sup>](#)

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

## Product Quality<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/ProductQuality>

**Sub Class Of** [DPPInformation<sup>C</sup>](#)  
[quality<sup>op</sup>](#) some [Thing<sup>C</sup>](#) and [value<sup>dp</sup>](#) some [Literal<sup>C</sup>](#)

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

## Repair Instruction<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/RepairInstruction>

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

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

## Unit<sup>C</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/Unit>

## Object Properties

### certificate document<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/certificateDocument>

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

**Domain** [CertificateInformation<sup>C</sup>](#)

## characteristic<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/characteristic>

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

## contains information<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/containsInformation>

**Domain** <http://w3id.org/dppo/ontology/dpp-odp/DPP>

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

## directly superseded by<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/directlySupersededBy>

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

## directly supersedes<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/directlySupersedes>

## dissassembly instructions document<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/dissassemblyInstructionsDocument>

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

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

## external document<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/externalDocument>

**Super Property Of**

- [certificateDocument<sup>op</sup>](#)
- [dissassemblyInstructionsDocument<sup>op</sup>](#)
- [repairInstructionsDocument<sup>op</sup>](#)

has composition information<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/hasCompositionInformation>

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

is about<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/isAbout>

**Super Property Of** <http://w3id.org/dppo/ontology/dpp-odp/describes>

quality<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/quality>

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

repair instructions document<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/repairInstructionsDocument>

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

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

superseded by<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/supersededBy>

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

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

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

unit<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-info/unit>

**Domain** [CompositionInformation<sup>c</sup>](#) or [ProductQuality<sup>c</sup>](#) or [ProductCharacteristic<sup>c</sup>](#)

## Datatype Properties

end time <sup>dp</sup>	
IRI	<a href="http://w3id.org/dppo/ontology/dpp-info/endTime">http://w3id.org/dppo/ontology/dpp-info/endTime</a>
start time <sup>dp</sup>	
IRI	<a href="http://w3id.org/dppo/ontology/dpp-info/startTime">http://w3id.org/dppo/ontology/dpp-info/startTime</a>
value <sup>dp</sup>	
IRI	<a href="http://w3id.org/dppo/ontology/dpp-info/value">http://w3id.org/dppo/ontology/dpp-info/value</a>

## Namespaces

:	<a href="http://w3id.org/dppo/ontology/dpp-info/">http://w3id.org/dppo/ontology/dpp-info/</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>

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties