

# Circular Economy Ontology Network (CEON) - Quantity Module

## Metadata

### IRI

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

### Title

Circular Economy Ontology Network (CEON) - Quantity Module

### Creator

Robin Keskisärkkä

### License

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### Version Iri

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

### Version Info

0.1

### Preferred Namespace Prefix

quantity

### Preferred Namespace Uri

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

### Description

This module defines base properties to describe quantities with standardized units.

## Object Properties

has dismantling cost<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasDismantlingCost>

**Sub Property Of** [qudt:quantityValue](#)

has market value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasMarketValue>

**Sub Property Of** [qudt:quantityValue](#)

has refurbishment cost<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasRefurbishmentCost>

**Sub Property Of** [qudt:quantityValue](#)

has testing cost<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasTestingCost>

**Sub Property Of** [qudt:quantityValue](#)

has transport cost<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#hasTransportCost>

**Sub Property Of** [qudt:quantityValue](#)

object value<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#objectValue>

**Description** objectValue is analogous to qudt:numericalValue

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

## Datatype Properties

numerical max value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#numericalMaxValue>

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

numerical min value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/quantity#numericalMinValue>

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

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

## Annotation Properties

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

:

<http://w3id.org/CEON/ontology/quantity#>

**dcterms**

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

**owl**

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

**prov**

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

**qudt**

<http://qudt.org/schema/qudt/>

**qudt-unit**

<http://qudt.org/vocab/unit/>

**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/>

**xsd**

<http://www.w3.org/2001/XMLSchema#>

## Legend

op

Object Properties

dp

Datatype Properties

ap

Annotation Properties