

Flat Glass Ontology

Metadata

IRI

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

Title

Flat Glass Ontology

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License

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

Version Iri

<http://w3id.org/CEON/ontology/flatglass/0.2/>

Version Info

0.2

Preferred Namespace Prefix

window

Preferred Namespace Uri

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

Description

This is the Flat Glass Ontology

Classes

Building Object^C

IRI	http://w3id.org/CEON/ontology/flatglass/BuildingObject
<u>In Domain Of</u>	http://w3id.org/CEON/ontology/flatglass/dismountingParameter ^{op} has component ^{op} http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition ^{op} http://w3id.org/CEON/ontology/flatglass/hasStructure ^{op} door ^{dp} window door ^{dp}
<u>In Range Of</u>	has component ^{op}
<u>Super Class Of</u>	http://w3id.org/CEON/ontology/flatglass/Window ^C http://w3id.org/CEON/ontology/flatglass/WindowFrame ^C http://w3id.org/CEON/ontology/flatglass/WindowGlass ^C

Building Object Type^C

IRI	http://w3id.org/CEON/ontology/flatglass/BuildingObjectType
<u>Super Class Of</u>	http://w3id.org/CEON/ontology/flatglass/WindowGlassType ^C http://w3id.org/CEON/ontology/flatglass/WindowType ^C

Condition^C

IRI	http://w3id.org/CEON/ontology/flatglass/Condition
<u>Sub Class Of</u>	http://w3id.org/CEON/ontology/flatglass/StructuralParameter ^C
<u>Equivalentclass</u>	
<u>In Range Of</u>	has frame condition ^{op}
<u>Named Individuals</u>	fair ⁿⁱ http://w3id.org/CEON/ontology/flatglass/good ⁿⁱ poor condition ⁿⁱ

Dismounting Direction^C

IRI	http://w3id.org/CEON/ontology/flatglass/DismountingDirection
Sub Class Of	^C
In Range Of	mounted from inside/outside^{op}
Named Individuals	from insideⁿⁱ from outsideⁿⁱ

Dismounting Parameter^C

IRI	http://w3id.org/CEON/ontology/flatglass/DismountingParameter
In Range Of	^{op}
Super Class Of	^C

Downcyclable Window^C

IRI	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindow
Sub Class Of	^C
Equivalentclass	^C <i>or</i> ^C <i>or</i> ^C <i>or</i> ^C
Super Class Of	^C ^C ^C ^C

Downcyclable Window Enamelled Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindowEnamelledGlass
Sub Class Of	^C
Equivalentclass	wired glass^{dp} value false^C and fire glass with gel^{dp} value false^C and fire glass without gel^{dp} value false^C and enamelled glass^{dp} value true^C and ^C

Downcyclable Window W Body Tinted Glass^c

IRI	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindowWBodyTintedGlass
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindow ^c
Equivalentclass	http://w3id.org/CEON/ontology/flatglass/Window ^c and wired glass ^{dp} value false ^c and fire glass with gel ^{dp} value false ^c and fire glass without gel ^{dp} value false ^c and body tinted glass ^{dp} value true ^c

Downcyclable Window W Thick Film^c

IRI	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindowWThickFilm
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindow ^c
Equivalentclass	film thicker than 0.25mm ^{dp} value true ^c and http://w3id.org/CEON/ontology/flatglass/Window ^c and fire glass with gel ^{dp} value false ^c and fire glass without gel ^{dp} value false ^c and wired glass ^{dp} value false ^c

Downcyclable Window With Laminated Glass^c

IRI	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindowWithLaminatedGlass
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/DowncyclableWindow ^c
Equivalentclass	laminated glass ^{dp} value true ^c and http://w3id.org/CEON/ontology/flatglass/Window ^c and fire glass without gel ^{dp} value false ^c and enamelled glass ^{dp} value false ^c and wired glass ^{dp} value false ^c and film thicker than 0.25mm ^{dp} value false ^c and fire glass with gel ^{dp} value false ^c and body tinted glass ^{dp} value false ^c

Ligth Transmission Level^c

IRI	http://w3id.org/CEON/ontology/flatglass/LigthTransmissionLevel
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/StructuralParameter ^c
Equivalentclass	
In Range Of	LT above 63% ^{op}
Named Individuals	http://w3id.org/CEON/ontology/flatglass/Above63Perc ⁿⁱ http://w3id.org/CEON/ontology/flatglass/Below63Perc ⁿⁱ

Material^c

IRI <http://w3id.org/CEON/ontology/flatglass/Material>

In Range Of

[has frame material](#)^{op}

<http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition>^{op}

Named Individuals

[Aluminium](#)ⁿⁱ

<http://w3id.org/CEON/ontology/flatglass/PVC>ⁿⁱ

[Steel](#)ⁿⁱ

[Wood](#)ⁿⁱ

Non Recyclable Window^c

IRI <http://w3id.org/CEON/ontology/flatglass/NonRecyclableWindow>

Sub Class Of

<http://w3id.org/CEON/ontology/flatglass/Window>^c

Equivalentclass

<http://w3id.org/CEON/ontology/flatglass/Window>^c *and* [fire glass without gel](#)^{dp} value [true](#)^c *or* [wired glass](#)^{dp} value [true](#)^c *or* [fire glass with gel](#)^{dp} value [true](#)^c *or* [fire glass](#)^{dp} value [true](#)^c

Recyclable Window^c

IRI <http://w3id.org/CEON/ontology/flatglass/RecyclableWindow>

Sub Class Of

<http://w3id.org/CEON/ontology/flatglass/Window>^c

Equivalentclass

<http://w3id.org/CEON/ontology/flatglass/Window>^c *and* [laminated glass](#)^{dp} value [false](#)^c *and* [wired glass](#)^{dp} value [false](#)^c *and* [fire glass](#)^{dp} value [false](#)^c *or* [fire glass with gel](#)^{dp} value [false](#)^c *and* [fire glass without gel](#)^{dp} value [false](#)^c *and* [enamelled glass](#)^{dp} value [false](#)^c *and* [body tinted glass](#)^{dp} value [false](#)^c *and* [film thicker than 0.25mm](#)^{dp} value [false](#)^c

Super Class Of

<http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWBlinds>^c

<http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWFilmOnGlass>^c

<http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWGeorgianBar>^c

<http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWHazardousSubstance>^c

<http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWTemperedGlass>^c

Recyclable Window W Asbestos^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWAsbestos
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWHazardousSubstance ^C
Equivalentclass	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C and Asbestor Y/N ^{dp} value true ^C

Recyclable Window W Blinds^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWBlinds
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C
Equivalentclass	integrated blind ^{dp} value true ^C and http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C and PCB Y/N ^{dp} value false ^C and Asbestor Y/N ^{dp} value false ^C

Recyclable Window W Film On Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWFilmOnGlass
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C
Equivalentclass	film on glass ^{dp} value true ^C and Asbestor Y/N ^{dp} value false ^C and PCB Y/N ^{dp} value false ^C and http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C

Recyclable Window W Georgian Bar^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWGeorgianBar
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C
Equivalentclass	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C and PCB Y/N ^{dp} value false ^C and Asbestor Y/N ^{dp} value false ^C and Georgian bar in singl fram/IGU? ^{dp} value true ^C

Recyclable Window W Hazardous Substance^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWHazardousSubstance
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C
Equivalentclass	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWPCB ^C or http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWAsbestos ^C
Super Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWAsbestos ^C http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWPCB ^C

Recyclable Window Wpcb^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWPCB
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWHazardousSubstance ^C
Equivalentclass	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C and PCB Y/N ^{dp} value true ^C

Recyclable Window W Tempered Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass/RecyclableWindowWTemperedGlass
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C
Equivalentclass	tempered glass ^{dp} value true ^C and http://w3id.org/CEON/ontology/flatglass/RecyclableWindow ^C and PCB Y/N ^{dp} value false ^C and Asbestor Y/N ^{dp} value false ^C

Reusable Window^C

IRI	http://w3id.org/CEON/ontology/flatglass/ReusableWindow
Sub Class Of	http://w3id.org/CEON/ontology/flatglass/Window ^C
Equivalentclass	Sound reduction 40/37/35/30 ^{op} value http://w3id.org/CEON/ontology/flatglass/level37 ^C or Sound reduction 40/37/35/30 ^{op} value http://w3id.org/CEON/ontology/flatglass/level40 ^C and has frame condition ^{op} value http://w3id.org/CEON/ontology/flatglass/good ^C and LT above 63% ^{op} value http://w3id.org/CEON/ontology/flatglass/Above63Perc ^C and u-value 2,7/1,8/1,1/0,7 ^{op} value 1,8 ^C or u-value 2,7/1,8/1,1/0,7 ^{op} value 2,7 ^C

Sound Reduction Level^C

IRI	http://w3id.org/CEON/ontology/flatglass/SoundReductionLevel
Sub Class Of	^C
Equivalentclass	
In Range Of	<u>Sound reduction 40/37/35/30</u> ^{op}
Named Individuals	ⁿⁱ ⁿⁱ ⁿⁱ ⁿⁱ

Structural Parameter^C

IRI	http://w3id.org/CEON/ontology/flatglass/StructuralParameter
In Range Of	^{op}
Super Class Of	^C ^C ^C ^C ^C

U-Value^C

IRI	http://w3id.org/CEON/ontology/flatglass/U-value
Sub Class Of	^C
Equivalentclass	
In Range Of	<u>u-value 2,7/1,8/1,1/0,7</u> ^{op}
Named Individuals	<u>0.7</u> ⁿⁱ <u>1.1</u> ⁿⁱ <u>1.8</u> ⁿⁱ <u>2.7</u> ⁿⁱ

Window^c

IRI

<http://w3id.org/CEON/ontology/flatglass/Window>

Sub Class Of

<http://w3id.org/CEON/ontology/flatglass/BuildingObject>^c
has component^{op} some <http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c
and Georgian bar in singl fram/IGU?^{dp} exactly 1 xsd:boolean^c and has frame
condition^{op} max 1 <http://w3id.org/CEON/ontology/flatglass/Condition>^c and
Asbestor Y/N^{dp} exactly 1 xsd:boolean^c and film on glass^{dp} exactly 1 xsd:boolean^c
and stamp on glass^{dp} max 1 xsd:boolean^c and wired glass^{dp} exactly 1 xsd:boolean^c
and door^{dp} exactly 1 xsd:boolean^c and manufacturing month year (mmYY)^{dp}
max 1 xsd:gMonthYear^c and has frame material^{op} min 1
<http://w3id.org/CEON/ontology/flatglass/Material>^c and tempered glass^{dp} exactly 1
xsd:boolean^c and patterned glass^{dp} exactly 1 xsd:boolean^c and integrated blind^{dp}
exactly 1 xsd:boolean^c and window type^{op} exactly 1
<http://w3id.org/CEON/ontology/flatglass/WindowCompositionType>^c and mounted
from inside/outside^{op} max 1
<http://w3id.org/CEON/ontology/flatglass/DismountingDirection>^c and body tinted
glass^{dp} exactly 1 xsd:boolean^c and fire glass^{dp} exactly 1 xsd:boolean^c and Sound
reduction 40/37/35/30^{op} max 1
<http://w3id.org/CEON/ontology/flatglass/SoundReductionLevel>^c and LT above 63%
^{op} max 1 <http://w3id.org/CEON/ontology/flatglass/LigthTransmissionLevel>^c and has
component^{op} some <http://w3id.org/CEON/ontology/flatglass/WindowFrame>^c and
total glass thickness^{dp} max 1 xsd:string^c and enamelled glass^{dp} exactly 1
xsd:boolean^c and size^{dp} max 1 xsd:string^c and window door^{dp} exactly 1
xsd:boolean^c and connected^{dp} max 1 xsd:boolean^c and solar control glass^{dp}
exactly 1 xsd:boolean^c and laminated glass^{dp} exactly 1 xsd:boolean^c and PCB Y/N^{dp}
exactly 1 xsd:boolean^c and u-value 2,7/1,8/1,1/0,7^{op} max 1
<http://w3id.org/CEON/ontology/flatglass/U-value>^c

In Domain Of

[replacement frame or glass](#)^{op}
[mounted from inside/outside](#)^{op}
[connected](#)^{dp}
[PCB Y/N](#)^{dp}
<http://w3id.org/CEON/ontology/flatglass/openable>^{dp}

Super Class Of

<http://w3id.org/CEON/ontology/flatglass/DowncyclableWindow>^c
<http://w3id.org/CEON/ontology/flatglass/NonRecyclableWindow>^c
<http://w3id.org/CEON/ontology/flatglass/RecyclableWindow>^c
<http://w3id.org/CEON/ontology/flatglass/ReusableWindow>^c

Window Composition Type^C

IRI	http://w3id.org/CEON/ontology/flatglass/WindowCompositionType
<u>Sub Class Of</u>	^C
<u>In Range Of</u>	<u>window type</u> ^{op}
<u>Named Individuals</u>	<u>IGU only</u> ⁿⁱ <u>single glass only</u> ⁿⁱ <u>connected 1+1</u> ⁿⁱ <u>connected 2+1</u> ⁿⁱ

Window Frame^C

IRI	http://w3id.org/CEON/ontology/flatglass/WindowFrame
<u>Sub Class Of</u>	^C

Window Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass/WindowGlass
<u>Sub Class Of</u>	^C

Window Glass Type^C

IRI	http://w3id.org/CEON/ontology/flatglass/WindowGlassType
<u>Sub Class Of</u>	^C

Window Type^C

IRI	http://w3id.org/CEON/ontology/flatglass/WindowType
<u>Sub Class Of</u>	^C

Object Properties

dismounting parameter^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/dismountingParameter>

Super Property Of [mounted from inside/outside^{op}](#)

Domain [^C](http://w3id.org/CEON/ontology/flatglass/BuildingObject)

Range [^C](http://w3id.org/CEON/ontology/flatglass/DismountingParameter)

has component^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/hasComponent>

Domain [^C](http://w3id.org/CEON/ontology/flatglass/BuildingObject)

Range [^C](http://w3id.org/CEON/ontology/flatglass/BuildingObject)

has frame condition^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/hasFrameCondition>

Sub Property Of [^{op}](http://w3id.org/CEON/ontology/flatglass/reuseParameter)

Domain [^C](http://w3id.org/CEON/ontology/flatglass/Window) *or* [^C](http://w3id.org/CEON/ontology/flatglass/WindowFrame)

Range [^C](http://w3id.org/CEON/ontology/flatglass/Condition)

has frame material^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/hasFrameMaterial>

Sub Property Of [^{op}](http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition)

Domain [^C](http://w3id.org/CEON/ontology/flatglass/WindowFrame) *or* [^C](http://w3id.org/CEON/ontology/flatglass/Window)

Range [^C](http://w3id.org/CEON/ontology/flatglass/Material)

LT above 63%^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasLightTransmission
Sub Property Of	^{op}
Domain	^c <i>or</i> ^c
Range	^c

has material composition^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition
Sub Property Of	^{op}
Super Property Of	^{op} has frame material
Domain	^c
Range	^c

Sound reduction 40/37/35/30^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasSoundReduction
Sub Property Of	^{op}
Domain	^c <i>or</i> ^c
Range	^c

has structure^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasStructure
Sub Property Of	^{op}
Super Property Of	<ul style="list-style-type: none">• LT above 63%^{op}• Sound reduction 40/37/35/30^{op}• u-value 2,7/1,8/1,1/0,7^{op}• window type^{op}
Domain	^c
Range	^c

u-value 2,7/1,8/1,1/0,7^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasUValue
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/hasStructure ^{op}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	http://w3id.org/CEON/ontology/flatglass/U-value ^c

window type^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/hasWindowComposition
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/hasStructure ^{op}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/Window ^c or http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
<u>Range</u>	http://w3id.org/CEON/ontology/flatglass/WindowCompositionType ^c

recycling parameter^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/recyclingParameter
<u>Super Property Of</u>	http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition ^{op}

replacement frame or glass^{op}

IRI	http://w3id.org/CEON/ontology/flatglass/replacementRecommendation
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/reuseParameter ^{op}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	http://w3id.org/CEON/ontology/flatglass/WindowFrame ^c or http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c

reuse parameter^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/reuseParameter>

Super Property Of

- [has frame condition](#)^{op}
- <http://w3id.org/CEON/ontology/flatglass/hasStructure>^{op}
- [replacement frame or glass](#)^{op}

mounted from inside/outside^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/windowDismounting>

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/dismountingParameter>^{op}

Domain <http://w3id.org/CEON/ontology/flatglass/Window>^c

Range <http://w3id.org/CEON/ontology/flatglass/DismountingDirection>^c

Datatype Properties

body tinted glass^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/bodyTintedGlass>

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>^{dp}

Domain <http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c or <http://w3id.org/CEON/ontology/flatglass/Window>^c

Range [xsd:boolean](#)

connected^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/connected>

Description A window composed of two connected glass panes.

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/structuralValue>^{dp}

Domain <http://w3id.org/CEON/ontology/flatglass/Window>^c

Range [xsd:boolean](#)

Asbestor Y/N^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/containsAsbestos
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c <i>or</i> http://w3id.org/CEON/ontology/flatglass/WindowFrame ^c
Range	xsd:boolean

PCB Y/N^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/containsPCB
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c
Range	xsd:boolean

door^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/door
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/structuralValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/BuildingObject ^c
Range	xsd:boolean

enamelled glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/enamelledGlass
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c <i>or</i> http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
Range	xsd:boolean

film on glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/filmOnGlass
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Super Property Of	film thicker than 0.25mm ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
Range	xsd:boolean

film thicker than 0.25mm^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/filmThickerThan0point25
Sub Property Of	film on glass ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c or http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
Range	xsd:boolean

fire glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/fireGlass
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
Range	xsd:boolean

fire glass with gel^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/fireGlassWGel
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c or http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
Range	xsd:boolean

fire glass without gel^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/fireGlassWoGel
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
Range	xsd:boolean

Georgian bar in singl fram/IGU?^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/georgianBar
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
Range	xsd:boolean

integrated blind^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/hasIntegratedBlind
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/reuseParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c or http://w3id.org/CEON/ontology/flatglass/WindowFrame ^c
Range	xsd:boolean

laminated glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/laminatedGlass
Sub Property Of	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
Domain	http://w3id.org/CEON/ontology/flatglass/Window ^c or http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
Range	xsd:boolean

manufacturing month year (mmYY)^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/manufacturingMonthYear
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/WindowFrame ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	xsd:gMonthYear

openable^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/openable
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/structuralValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	xsd:boolean

patterned glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/patternedGlass
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c or http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	xsd:boolean

recycle parameter value^{dp}

IRI

<http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>

Super Property Of

- [body tinted glass](#)^{dp}
- [Asbestor Y/N](#)^{dp}
- [PCB Y/N](#)^{dp}
- [enamelled glass](#)^{dp}
- [film on glass](#)^{dp}
- [fire glass](#)^{dp}
- [fire glass with gel](#)^{dp}
- [fire glass without gel](#)^{dp}
- [Georgian bar in singl fram/IGU?](#)^{dp}
- [laminated glass](#)^{dp}
- [manufacturing month year \(mmYY\)](#)^{dp}
- [patterned glass](#)^{dp}
- [size](#)^{dp}
- [stamp on glass](#)^{dp}
- [tempered glass](#)^{dp}
- [total glass thickness](#)^{dp}
- [wired glass](#)^{dp}

reuse parameter value^{dp}

IRI

<http://w3id.org/CEON/ontology/flatglass/reuseParameterValue>

Super Property Of

- [integrated blind](#)^{dp}
- [solar control glass](#)^{dp}

size^{dp}

IRI

<http://w3id.org/CEON/ontology/flatglass/size>

Sub Property Of

<http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>^{dp}

Domain

<http://w3id.org/CEON/ontology/flatglass/WindowFrame>^c *or*
<http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c *or*
<http://w3id.org/CEON/ontology/flatglass/Window>^c

solar control glass^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/solarControlGlass>

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/reuseParameterValue>^{dp}

Domain <http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c or <http://w3id.org/CEON/ontology/flatglass/Window>^c

Range [xsd:boolean](#)

stamp on glass^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/stampOnGlass>

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>^{dp}

Domain <http://w3id.org/CEON/ontology/flatglass/Window>^c or <http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c

Range [xsd:boolean](#)

structural value^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/structuralValue>

Super Property Of

- [connected](#)^{dp}
- [door](#)^{dp}
- <http://w3id.org/CEON/ontology/flatglass/openable>^{dp}
- [window door](#)^{dp}

tempered glass^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/temperedGlass>

Sub Property Of <http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>^{dp}

Domain <http://w3id.org/CEON/ontology/flatglass/Window>^c or <http://w3id.org/CEON/ontology/flatglass/WindowGlass>^c

Range [xsd:boolean](#)

total glass thickness^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/totalGlassThickness
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/Window ^c <i>or</i> http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c
<u>Range</u>	xsd:float

window door^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/windowDoor
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/structuralValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/BuildingObject ^c
<u>Range</u>	xsd:boolean

wired glass^{dp}

IRI	http://w3id.org/CEON/ontology/flatglass/wiredGlass
<u>Sub Property Of</u>	http://w3id.org/CEON/ontology/flatglass/recycleParameterValue ^{dp}
<u>Domain</u>	http://w3id.org/CEON/ontology/flatglass/WindowGlass ^c <i>or</i> http://w3id.org/CEON/ontology/flatglass/Window ^c
<u>Range</u>	xsd:boolean

Namespaces

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/>

xsd

Legend

c

op

dp

Classes

Object Properties

Datatype Properties