

Polycarbonate Lexan Margard is a very strong and scratch-resistant transparent plastic.

ISO	PC polycarbonate
Shape	Sheet
Color	Transparant
Density	1200 kg/m ³
Elongation at break	100 %
Tensile strength	60 N/mm ²
Flame Resistance (UL 94)	HB

Material information

Lexan is excellent for heavier duty applications and is 250 times stronger than glass at the same thickness. This high mechanical strength makes it suitable for demanding applications.

Usage examples

Safety glazing, fire-sensitive applications (self-extinguishing), outdoor applications

Processing

Lexan processes well with standard tools and is cold set.
Measurement tolerance 2768-mK

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
78200030	Lexan Margard E 3 mm		
78200040	Lexan Margard E 4 mm		
78200050	Lexan Margard E 5 mm		
78200060	Lexan Margard E 6 mm		
78200080	Lexan Margard E 8 mm		
78200095	Lexan Margard E 9,5 mm		
78200120	Lexan Margard E 12 mm		

Water absorption

The extent to which the product absorbs water when tested for 24 hours in water at 23 degrees in accordance with ISO 63.

Immersion	Saturation
0,150 %	0,350 %

Thermal properties

[tbl_thermal_explainer](#)

tbl_thermische_geleiding	tbl_lin_uitzet_2360	tbl_lin_uitzet_23100	tbl_temp_deflection_load
0,200 W/(K.m)	7 x 10 ⁻⁶ m/(m.K)	0 x 10 ⁻⁶ m/(m.K)	127 °C



We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

