

Technical data

RÖBER PMMA Struktur

RÖBER PMMA Struktur are extruded, structured acrylic-sheets. They are available in clear and bronze and thicknesses from 3,0-8,0 mm.

General Properties		
Density	g/cm ²	1,19
Water absorption, 24 h, stocked	%	2
Tensile strength max.	MPA DIN 53455	75
Impact strength - Charpy	KJ/m ISO 179	15
Impact strength notched - Charpy	KJ/m ISO 179	1
Flexural strength max.	MPA DIN 53452	85
Indentation hardness	MPA DIN 5345+6	140
Max. service temperature °C	DIN 53460	75
Heat deflection temperature °C	DIN 53461	
Deflection Iso 75	1,8 MPA	85
Deflection Iso 75	0,45 MPA	95
Light-transmission*	%	50 - 92

*Light-transmission depends on thickness and color.

Thickness tolerance for sheets > 4.0 mm +/-6%, for sheets < 4.0 mm +/-10%.

Area tolerances	
Standard-sheets	-0 mm und +9,0 mm
Overlength	-0 mm und +3 %
For cut-to-size	+/-1,0 mm