

Technical Data Sheet

MIGLASS® G3

Typical characteristics

- Electrically insulating
- Usage at higher temperature

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	~1,70
Mechanical properties			
Tensile strength	DIN EN ISO 527	MPa	~170
Compressive strength	DIN EN ISO 604	MPa	~350
Maximum bending stress	DIN EN ISO 604	MPa	~250
Impact tenacity		kJ / m ²	~45
Ball pressure hardness H		MPa	M100
Thermal properties			
Melting temperature	DIN EN ISO 11357-3	°C	~220
Thermal stability of shape		°C	~160
Physical properties			
Water absorption	ISO 62	%	~1,2
Dielectrical properties			
Dielectrical strength		kV / mm	-20
ESD properties			
Surface resistance		Ω	~10 ¹²

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