

## Technical Data Sheet

# MIGLASS<sup>®</sup> G3

### Typical characteristics

- Electrically insulating
- Usage at higher temperature

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	~1,70
<b>Mechanical properties</b>			
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 <sup>2</sup>	~45
Ball pressure hardness H		MPa	M100
<b>Thermal properties</b>			
Melting temperature	DIN EN ISO 11357-3	°C	~220
Thermal stability of shape		°C	~160
<b>Physical properties</b>			
Water absorption	ISO 62	%	~1,2
<b>Dielectrical properties</b>			
Dielectrical strength			~20
<b>ESD properties</b>			
Surface resistance			~10 <sup>12</sup>