






PRODUCT DATA SHEET

BAGGES SMS

Components: Mica/Silicone
Color: Grey
RoHS: The material is in compliance with EU directive 2002/95/EU (RoHS)

Mechanical Properties

		Test methods	Value	Unit
Flexural strength at RT		ISO 178 ≥ 1,6mm	230	MPa
Flexural strength at elevated temp.		ISO 178 ≥ 1,6mm		MPa
Moduls of elasticity		ISO 178 ≥ 1,6mm		MPa
Compressive strength at 20°C/200°C		ISO 604 ≥ 5,0mm	400/250	MPa
Izod impact strength, parallel		ISO 179/3c ≥ 5,0mm		kJ/m ²
Shearing strength, parallel		EN 60893-2 ≥ 5,0mm		MPa
Tensile Strength		ISO 527 ≥ 1,6mm	150	MPa

Electrical Properties

Dielectric strength at 20°C		IEC 60243	25	kV/mm
400°C/1 hour tested at 20°C		IEC 60243	13	kV/mm
Relative permittivity at 23/400°C		IEC 60250 ≤ 3,0mm	6,5/7	
Dielectric loss at 160°C		IEC 60250 ≤ 3,0mm	<1	%
Dissipation factor 1 Hz		IEC 60250 ≤ 3,0mm		
Insulation resistance after immersion in water		IEC 60167 All		MΩ
Comparative tracking index		IEC 60112 > 3,0mm	500	CTI

Physical and thermal Properties

Temperature continuous/short time			500/700	°C
Flammability		UL 94 3,0mm	V-0	Category
Density		IEC 60167 All	2,15	g/cm ³
Water absorption			<1	%

The data mentioned in this data sheet is after our knowledge correct, but we reserve the right to make changes without notice.