



BAGGES TMS

Components: Mica Silicone


Color: Grey

Nema L1-1:




DIN 7735:

EN 61212:

RoHS: The material is in compliance with EU directive 2002/95/EU (RoHS)

Mechanical Properties		Test methods	Value	Unit
Compressive resistance		ISO 178	250	N/mm ²
Tension resistance		ISO 178	100	N/mm ²
Cohesion between layers		ISO 61212-2 id<100mm	-	Mpa

Electrical Properties

Electric strength in air at 23°C		IEC 60243	20	kV/mm
Electric strength in oil at 90°C		IEC 60243 x)3,0 mm	-	kV/mm
Electric strength in oil at 90°C		IEC 60243 x)>3,0 mm	-	kV/25mm
Permittivity 50 Hz		IEC 60250	-	-
Permittivity 1 MHz		IEC 60250	-	-
Dissipation factor 50 Hz		IEC 60250	-	-
Insulation resistance after immersion in water		IEC 60167 y)	-	M Ω

Physical and Thermal Properties

Thermal resistance / short time			500/700	°C
Density			2,25	g/cm ³
Water absorption		DIN 53475	1,1	%

x) id > 8mm, and/or od > 10mm. Y) Wall thickness

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

Feb. 10