

# PRODUCT DATA SHEET

## BAGGES TMS

**RoHSII :** The material is in compliance with EU directive 2011/65/EU (RoHS II)

**Components :** Mica/Silicone

**Color :** Grey

Mechanical Properties	TestMethod	Value	Unit	Thickness	Note
Compressive resistance	ISO 178	250	N/mm <sup>2</sup>		
Tension resistance	ISO 178	100	N/mm <sup>2</sup>		
Cohesion between layers		-	MPa	id<100mm	Test method ISO 61212-2
<b>Physical Properties</b>					
Density		2,25	g/cm <sup>3</sup>		
Water absorption	DIN 53475	1,1	%		
<b>Electrical Properties</b>					
Electric strength in air at 23°C	IEC 60243	20	kV/mm		
Electric strength in oil at 90°C	IEC 60243	-	kV/mm	3,0mm*	
Electric strength in oil at 90°C	IEC 60243	-	kV/25mm	> 3,0mm	
Permittivity 50 Hz	IEC 60250	-			
Permittivity 1 MHz	IEC 60250	-			
Dissipation factor 50 Hz	IEC 60250	-			
Insulation resistance after immersion in water	IEC 60167	-	M Ω	**	
<b>Thermal Properties</b>					
Thermal resistance / short time		500/700	°C		

	* id > 8mm, and/or od > 10mm. ** Wall thickness
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The data mentioned in this data sheet is after our knowledge correct, but we reserve the right to make changes without notice.

rev: 09/2021