

PRODUCT DATA SHEET

BAGGES SGMP

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

Color : Red, White

DIN 7735 : Hm 2471

IEC 60893-3-5 : UP GM 203

Components : Glass mat and polyester resin

Nema L1-1 : GPO-3

EN 60893-3-5 : UP GM 203

NF C 26-153 : Vm P2e

Mechanical Properties	TestMethod	Value	Unit	Note
Tensile strength parallel at 23°C	ISO 527	70	MPa	
Flexural strength at 23°C, flatwise	ISO 178	130	MPa	
Modulus of elasticity in flexure at 23°C, flatwise	ISO 178	9000	MPa	
Compressive strength at 23°C, flatwise	ISO 604	250	MPa	
Impact strength II (Charpy)	ISO 179	40	kJ/m ²	
Physical Properties				
Density	ISO 1183	1,85	g/cm ³	
Flammability		V-0		UL 94
Water absorption after 24h immersion at 23°C, thickness 4mm	ISO 62	0,2	%	(method 1)
Temperature index	IEC 60216	155	°C	
Electrical Properties				
Insulation resistance, after 24h immersion in water at 23°C	IEC 60167	5 x 10 ⁸	Ohm	
Electric strength 90°C under oil, flatwise	IEC 60243	12	kV/mm	
Electric strength 90°C in oil, parallel	IEC 60243	75	kV/25mm	
Comparative tracking index - CTI	IEC 60112	600		
Thermal Properties				
Temperatur index (TI)	IEC 60216	155		

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