

PRODUCT DATA SHEET

BAGGES SPP

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

Base material : Cellulotic paper

Matrix resin : Phenolic

Color : Brown

Mechanical Properties	Variant	TestMethod	Value	Unit
Flexural stress at rupture perpendicular to laminations	min	ISO 178	142,59	MPa
Apparent modulus of elasticity in flexure	min	ISO 178	9921	MPa
Compressive strength perpendicular to laminations	min	ISO 604	305,8	MPa
Impact strength (Charpy) parallel to laminations	min	ISO 179/3C	13,7	kJ/m ²
Shearing strength parallel	min	VDE 0318/2	24,44	MPa
Tensile strength	min	ISO 527-4	158,2	MPa
Electrical Properties				
Electric strength at 90°C in oil perpendicular to laminations	min	IEC 60243-1	3,25	kV/mm
Breakdown voltage at 90°C in oil parallel to laminations	min	IEC 60243-1	15	kV
Insulation resistance after immersion in water	min	IEC 60167	223	M Ω
Proof tracking index PTI		IEC 60112		
Comparative tracking index CTI	min	IEC 60112	120	CTI
Tracking and erosion resistance	min	IEC 60112		Class
Thermal Properties				
Thermal endurance		IEC 60216		T.I.
Density		ISO 1183	1,454	g/cm ³
Water absorption	max	ISO 62	118,10*	mg

Note:	* for test specimens 50 x 50 x 10mm Test values are derived from an average type test
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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.

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