

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Electrical Insulating Material Rigidiso® RI 40200

Structure: Rigidiso® RI 40200 is a manufactured Epoxy-Resin Glass-Fibre laminate and conforms to standards:

IEC 60893 EP GC 201
DIN 7735 HGW 2372

Characteristics: Rigidiso® RI 40200 has good insulation properties to Insulation Class B (130°C), It also has very good mechanical properties.

Application: Rigidiso® RI 40200 is used as a construction material with high requirements in insulation properties.

Form of Supply: Rigidiso® RI 40200 is supplied in thicknesses of 0.20 – 80.00 mm, and in sheet format of 2140 x 1240 mm.

Standard Colour: Rigidiso® RI 40200 is available in brown as standard.

Storage Conditions: Rigidiso® RI 40200 should be stored under normal conditions (20°C, 50% r. H.)

Stand June 2011

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Technical Data:	Norm	Unit	Value
Density	ISO 1183 / A	g/cm ³	1.7 – 1.9
Flexural Strength	ISO 178	Mpa	350
Elasticity of the Flexural Test	ISO 178	Mpa	18 x 10 ³
Tensile Strength	ISO 527	Mpa	220
Impact Strength	ISO 179 / 3C	kJ/m ²	100
Temperature Limit	IEC 216	°C	130
Comparative Tracking	DIN / IEC 112	-	200
Thermal Conductivity	-	W/mK	0.3
Thermal Class	-	-	B
Water Absorbtion (5mm)	ISO 62 / 1	mg	30

Trademark Information: Rigidiso® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany

Information:

The information in this Technical Data Sheet is based on our present knowledge and experiences. It does not release the user from conducting their own trials and examinations to determine the suitability of the product for his intended use. A legally obligatory warranty of certain characteristics or the suitability for a specific targeted application cannot be derived from our data. Depending upon individual cases we recommend consultation with us. Any patent rights as well as existing laws are to be considered by the receiver of our products as their own responsibility.

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