

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

Electrical Insulating Material Rigidiso® RI 40002

Structure: Rigidiso® RI 40002 is a manufactured phenolic resin and paper sheet laminate and conforms to standards:

IEC 60893	PF CP 203
DIN 7735	HP 2061.6

Characteristics: Rigidiso® RI 40002 is very good insulation to Insulation Class E (120°C), it also has very good mechanical properties.

Application: Rigidiso® RI 40002 is used when good mechanical and electrical properties are required for low voltage, amongst others, laboratory tables, interior front cover panels and base plates for switchgear.

Form of Supply: Rigidiso® RI 40002 is available in thicknesses of 0.5 - 90 mm, in sheet sizes: 2140 x 1240 mm and 1070 x 1240 mm with a tolerance of ± 0.08 mm. Cut to size blanks can also be supplied on request.

Colour: Rigidiso® RI 40002 is supplied in brown as standard, it is also available in black.

Stand June 2011

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Rigidiso® RI 40002

Storage Conditions: Rigidiso® RI 40002 can be stored indefinitely under normal conditions (20°C, 50% r. H.).

Technical Data:	Norm	Unit	Value
Density	ISO 1183 / A	G/cm ³	1.3 – 1.4
Flexural Strength	ISO 178	Mpa	130
Elasticity of the Flexural Test	ISO 178	Mpa	7 x 10 ³
Tensile Strength	ISO 527	Mpa	100
Impact Strength	ISO 178 / 3C	KJ/m ²	15
Temperature Limit	IEC 216	°C	120
Comparative Tracking	DIN/IEC 112	-	100
Thermal Conductivity	-	W/mK	0.2
Thermal Class	-	-	E
Water Absorbtion (5mm)	ISO 62 / 1	Mg	225

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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Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

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