

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

Electrical Insulating Material

Rigidiso® RI 40204

Structure: Rigidiso® RI 40204 is a laminate which is made of Epoxy-Resin Glass-Fibre and conforms to the following standards:

IEC 60893	EP GC 203
DIN 7735	HGW 2372.4

Characteristics: Rigidiso® RI 40204 is very good insulation to Insulation Class B (180°C) and it also has very good mechanical properties.

Application: Rigidiso® RI 40204 is used as a construction material with high requirements in insulation properties.

Standard colour: Rigidiso® RI 40204 is delivered in green colour as standard.

Form of Supply: Rigidiso® RI 40204 is supplied in thicknesses of 0.20 – 80.00 mm, and in a sheet format of 2140 x 1240 mm.

Storage Conditions: Rigidiso® RI 40204 can be stored unlimited under normal conditions (20°C, 50% r. H.)

Status February 2015

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info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
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

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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
Limiting temperature	IEC 216	°C	180
Comparative Tracking Index	DIN / IEC 112	-	200
Thermal Conductivity	-	W/mK	0.3
Insulation class	-	-	H
Water Absorption (5mm)	ISO 62 / 1	mg	30

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

Please note: The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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