

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

## Electrical Insulating Material Rigidiso® RI 40203

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**Structure:** Rigidiso® RI 40203 is a manufactured Epoxy-Resin Glass-Fibre laminate and conforms to standards:

IEC 60893      EP GC 203  
DIN 7735      HGW 2372.4

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**Characteristics:** Rigidiso® RI 40203 is very good insulation to Insulation Class F (155°C), It also has very good mechanical properties. Rigidiso® RI 40203 according to UL94 V-0 is classified as self-extinguishing.

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**Application:** Rigidiso® RI 40203 is used as a construction material with high requirements in insulation properties.

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**Form of Supply:** Rigidiso® RI 40203 is supplied in thicknesses of 0.20 – 80.00 mm, and in a sheet format of 2140 x 1240 mm.

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

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Stand July 2011

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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

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
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## Rigidiso® RI 40203

Technical Data:	Norm	Unit	Value
Density	ISO 1183 / A	g/cm <sup>3</sup>	1.7 – 1.9
Flexural Strength	ISO 178	Mpa	350
Elasticity of the Flexural Test	ISO 178	Mpa	18 x 10 <sup>3</sup>
Tensile Strength	ISO 527	Mpa	220
Impact Strength	ISO 179 / 3C	kJ/m <sup>2</sup>	100
Temperature Limit	IEC 216	°C	155
Comparative Tracking	DIN / IEC 112	-	200
Thermal Conductivity	-	W/mK	0.3
Thermal Class	-	-	F
Water Absorbtion (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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