

Laminates

Rigidiso® RI 40205

Structure: Rigidiso® RI 40205 is a laminate made of Epoxy-Resin Glass-Fibre laminate and conforms to the following standards:

IEC 60893 EP GC 203
DIN 7735 HGW 2372.4

Characteristics: Rigidiso® RI 40205 is classified to Insulation Class B (250°C). It also has very good mechanical properties. Rigidiso® RI 40205 is designed in accordance with flammability class UL 94 level HB.

Application: Rigidiso® RI 40205 is used as a construction material with high requirements to the insulation properties.

Standard colour: Rigidiso® RI 40205 is delivered in russet (red brown) colour.

Form of Supply: Rigidiso® RI 40205 is supplied in thicknesses of 0.20 – 80.00 mm and in a sheet format of 2050 x 1050 mm. Further delivery forms and dimensions are available on request.

Storage Conditions: Rigidiso® RI 40205 can be stored unlimited under normal conditions (20°C, 50% r. H.).

Dr. Dietrich Müller GmbH

Rigidiso® RI 40205

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	250
Comparative Tracking Index	DIN / IEC 112	-	200
Thermal Conductivity	-	W/mK	0.3
Insulation class	-	-	C
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.

Dr. Dietrich Müller GmbH