

Laminates

Rigidiso® RI 40207

Description: Rigidiso® RI 40207 is a panel laminate made of epoxy resin glass fabric and complies with the standard types:

IEC 60893 MF GC 201

DIN 7735 HGW 2272

Properties: Rigidiso® RI 40207 is very good insulating up to insulating material class B (130°C), and it also has very good mechanical properties. Rigidiso® RI 40207 is designed to meet UL 94 level HB flammability class.

Applications: Rigidiso® RI 40207 is used as a construction material with higher requirements for insulation properties.

Delivery forms: Rigidiso® RI 40207 is available in thicknesses of 0.50 – 80 mm, as well as in the following panel formats:
2140 x 1240 mm and in a max. panel size of 2140 x 1240 mm.

Storage conditions: Rigidiso® RI 40207 can be stored indefinitely under normal conditions (20°C, 50% RH).

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Feature	Standard	Unit	Tech. Value
Density	ISO 1183 / A	g/cm ³	1,8 – 2,0
Flexural strength	ISO 178	Mpa	270
Elasticity from the bending test	ISO 178	Mpa	14 x 10 ³
Tensile strength	ISO 527	Mpa	120
Impact resistance	ISO 179 / 3C	kJ/m ²	50
Limit temperature	IEC 216	°C	130
Tracking resistance	DIN / IEC 112	-	600
Thermal conductivity	-	W/mK	0,3
Heat class	-	-	B
Water absorption (5mm)	ISO 62 / 1	mg	370

Trademark Information: Rigidiso® is a registered trademark of 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