

Laminates

Rigidiso® RI 40900

Composition: Rigidiso® RI 40900 is a solid rod made of epoxy-resin and glass fabric and meets the following standards:

IEC 60893 EP GC 202
DIN 7735 HGW 2372.1

Properties: Rigidiso® RI 40900 is very well insulating up to insulation class B (130°C), furthermore it meets very good mechanical properties. Rigidiso® RI 40900 is designed in accordance with flammability class UL 94 level V-1.

Application: Rigidiso® RI 40900 is used as construction material with higher requirements to the insulation properties.

Standard colour: Rigidiso RI® 40900 is available in a green colour.

Delivery forms: Rigidiso RI® 40900 is available as solid rods in different thicknesses.

Storage conditions: Rigidiso® RI 40900 is storable unlimited under normal conditions (20°C, 50% relative air humidity).

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value
Density	ISO 1183/A	g/cm ³	1.7 – 1.9
Flexural strength	ISO 178	MPa	350
Elasticity module of the flexural test	ISO 178	MPa	18 x 10 ³
Tensile strength	ISO 527	MPa	280
Impact strength	ISO 179 / 3C	kJ/m ²	90
Limiting temperature	IEC 216	°C	130
Comparative Tracking index	DIN/IEC 112	-	220
Insulation class	-	-	B

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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