

Laminates

Rigidiso® RI 40905

Structure: Rigidiso® RI 40905 is a solid bar manufactured from phenolic cotton laminated fabric and conforms to standards:

IEC 60893	PF CC 42
DIN 7735	HGW 2088

Characteristics: Rigidiso® RI 40905 is very good insulation to Insulation Class E (120°C), it also has very good mechanical properties. Rigidiso® RI 40905 is designed in accordance with flammability class UL 94 level HB.

Application: Rigidiso® RI 40905 is used as a construction material with high requirements in insulation properties.

Form of Supply: Rigidiso® RI 40905 is available as round bar in various sizes.

Storage Conditions: Rigidiso® RI 40905 can be stored indefinitely under normal conditions (20°C, 50% r. H.).

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Technical Data:	Norm	Unit	Value
Density	ISO 1183 / A	g/cm ³	1.25 – 1.4
Flexural Strength	ISO 178	MPa	100
Compressive Strength	-	MPa	80
Tensile Strength	ISO 527	MPa	50
Impact Strength	ISO 179 / 3C	kJ/m ²	15
Temperature Limit	IEC 216	°C	120
Comparative Tracking	DIN/IEC 112	-	100
Thermal Class	-	-	E

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.