

Laminates

Rigidiso® RI 40326

Structure: Rigidiso® RI 40326 is made of glass cloth, iron powder and modified epoxy resin.

Characteristics: Rigidiso® RI 40326 has very good magnetic conductivity by high electrical resistance and high mechanical strength.

Application: Rigidiso® RI 40326 is used as wedge in electrical induction machines, class F.

Form of Supply: Rigidiso® RI 40326 is available in thicknesses of 2.0 - 10 mm, in sheet sizes of 950 +50/-0 mm x 1020 +20/-0 mm. Cut to size blanks can also be supplied on request.

Storage Conditions: Rigidiso® RI 40326 can be stored indefinitely under normal conditions (20°C, 50% r. H.).

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value
Nominal thickness		mm	2.0 – 10 (in 0.5 mm steps)
Tolerance	DIN 836	mm	According to DIN 40606 (HGW 2372.4)
Density	ISO 1183	g/cm ³	3.5 ± 0.2
Flexural strength at 23 °C at 150 °C	ISO 178 ISO 178	MPa MPa	≥150 ≥120
Elasticity module at 23 °C at 150 °C	ISO 178 ISO 178	GPa GPa	ca. 14.5 ca. 11.6
Volume resistivity	IEC 167	Ohm-cm	≥ 1 x 10 ⁶
Iron content	-	%	ca. 75
Glass content	-	%	ca. 7
Resin content	-	%	ca. 18
Temperature index	IEC 216	°C	ca. 155

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.