

Laminates

Pertinax® RI 40620

Composition: Pertinax® RI 40620 is a manufactured phenolic resin and paper square tube and meets:

IEC 60893	PF CP 201
DIN 7735	HP 2061

Properties: Pertinax® RI 40620 is insulating up to insulation class E (120°C) and offers good mechanical properties. Pertinax® RI 40620 is designed in accordance with flammability class UL 94 level HB.

Colour: brown

Delivery forms: measurements acc. to customer specification

Storage conditions: Pertinax® RI 40620 can be stored unlimited under normal conditions (20°C, 50% rel. RH).

Dr. Dietrich Müller GmbH

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Properties	Norm	Unit	Value
Density	ISO 1183 / A	g/cm ³	1,3 – 1,4
Flexural resistance	ISO 178	MPa	150
Elasticity module	ISO 178	MPa	approx. 9000
Tensile strength	ISO 527	MPa	120
Impact resistance	ISO 178 / 3C	kJ/m ²	20
Working temperature	IEC 216	°C	120
Creeping resistance	DIN/IEC 112		100
Thermal conductivity		W/mK	0,2
Pressure resistance		MPa	150 – 190
Insulation class			E
Water absorption (5 mm)	ISO 62 / 1	mg	660

Trademark information: Pertinax® is a registered trademark of 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 the 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