

Material

HGW HG000301

phenolic resin with synthetic fibre fabric and PTFE

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Physical properties	nominal range	typical values	
Density DIN EN ISO 1183-1+2, 23 °C	---	1.20	g/cm ³
Ball indentation hardness DIN EN ISO 2039 senkr. zur Schichtung through-plane, 23 °C	---	150	MPa
Ball indentation hardness DIN EN ISO 2039 paral. zur Schichtung in-plane, 23 °C	---	140	MPa
Compressive Strength ISO 604, senkr. zur Schichtung / through-plane, 24 h, 23 °C	---	350	MPa
Flexural strength ISO 178	---	80	MPa
Tensile strength ISO 527	---	45	MPa

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

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No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces (2mm sheets). The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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