

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
Tensile strength ISO 527	---	45	MPa
Flexural strength ISO 178	---	80	MPa
Flexural modulus ISO 604	---	4000	MPa
Ball indentation hardness ISO 2039/vertical to laminate	---	150	MPa
Ball indentation hardness ISO 2039/parallel to laminate	---	140	MPa
Compressive Strength ISO 604	---	340	MPa

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
ADI Free			see certificate	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner

Telefon: -
 Fax: -
 Email: FIS.Compound.CRC@fst.com



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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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Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner

Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com

