

Material HGW HG000301

synthetic fabric + phenolic resin

Revision Index
02

Revision Date
05.02.2024

General Data

Filler: Polytetrafluorethylene
(PTFE), %

Physical Properties

	Nominal Range	Typical Value
Density DIN EN ISO 1183-1+2, 23 °C	1.2	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

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories 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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