DICHTOMATIK

FREUDENBERG
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Technical data sheet in accordance with ASTM

Material
PTFE PT00A209
white

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Physical properties	nominal range	typical values	
Density ASTM D 792, 23 °C	---	2.14 - 2.18	g/cm³
Hardness ASTM D2240, Shore D, 23 °C	---	>= 50	Shore
Tensile strength ISO 12086 ISO 527, 23 °C, Cross Direction	---	>= 20	MPa
Elongation at break ISO 12086 ISO 527, 23 °C, Cross Direction	---	>= 200	%
Compressive Strength ASTM D 695, 1% Deformation Cross Direction	---	4 - 5	MPa
Deformation under load ASTM D 621, 23 °C, 24 h, 13.7 N/mm², ruhend Cross Direction	---	<= 17	%
bleibende Verformung 24 h, 23 °C	---	<= 8	%
Dielectrical strength ASTM D 149, Probe/ specimen 0,5mm	---	20 - 40	kV/mm

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
FDA	USA	Seals	§ 177.1550	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

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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 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 provisons do not plan for something else.

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