

Material

PTFE PT002601

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Physical properties

	nominal range	typical values	
Density DIN EN ISO 12086	2.15 ±0.02	2.15	g/cm ³
Hardness DIN EN ISO, Shore D	56 ±5	56	Shore
Tensile strength DIN EN ISO 527-3, 0,2 mm film	---	38	MPa
Elongation at Break DIN EN ISO 527-3	---	400	%
Modulus 100 %, DIN EN ISO 527	---	600	MPa
Ball indentation hardness DIN EN ISO 2039-1	---	26	MPa
Deformation under load accordance with ASTM D 621, 23 °C, 24 h, 15 N/mm ²	---	16	%
Deformation under load accordance with ASTM D 621, 23 °C, 100 h, 15 N/mm ²	---	17	%
Permanent deformation ähnl. ASTM D 621	---	10	%
Surface resistivity IEC 60093	---	1e+017	Ohm

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
(EG) 10/2011	EU		food		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner
 Telefon: +49 6201 80 2182
 Fax: -
 Email: nadja.gueldner@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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Telefon: +49 6201 80 2182

Fax: -

Email: nadja.gueldner@fst.com