

Technical data sheet in accordance with ASTM

# Material

## PTFE PT009902

white

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Physical properties	nominal range	typical values	
<b>Density</b> ASTM D4894 / D4895	---	2.15	g/cm <sup>3</sup>
<b>Ball indentation hardness</b> DIN EN ISO 2039-1 Prüfplatte /Sheet 4mm	---	26	MPa
<b>Tensile strength</b> ASTM D4894	---	33	MPa
<b>Elongation at break</b> ASTM D4894 / D4895	---	400	%
<b>Deformation under load</b> accordance with ASTM D 621, 100 h, 15 N/mm <sup>2</sup>	---	17	%
<b>Surface resistivity</b> DIN VDE 0303-30 IEC 93	---	1e+017	Ohm
<b>Thermal conductivity</b> DIN 52612	---	0.35	W/m*K
<b>Dielectrical strength</b> VDE 0303-2, Folie/ foil 200 µm	---	60	kV/mm
<b>Durchgangswiderstand</b>	---	1e+018	Ohm

### 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
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 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.

## **Freudenberg**

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