

# Material

## PTFE 177684

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### Physical properties

	nominal range	typical values	
<b>Density</b> DIN EN ISO 1183-1, 23 °C	2.15 +0.03/-0.02	---	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore D, 23 °C	57 ±3	---	Shore
<b>Tensile strength</b> ISO 13000-1, S2, 23 °C	30 ±5	---	MPa
<b>Elongation at break</b> ISO 13000-1, S2, 23 °C	300 ±50	---	%
<b>Temperature range</b>	-200°C to 260°C      short term: 360°C		

### 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
Conflict Mineral Free FDA	USA	Seals	§ 177.1550	see DoC 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) produced in the laboratory. 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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