

# Material

## PTFE F52800

white

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### Physical properties

	nominal range	typical values	
<b>Density</b> DIN EN ISO 1183-1, 23 °C	2.18 +0.02/-0.04	2.16	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore D, 23 °C	56 ±2	56	Shore
<b>Tensile strength</b> ISO 527-1, S2, 23 °C	> 20	22.5	MPa
<b>Elongation at break</b> ISO 527-1, S2, 23 °C	> 200	279	%

**Temperature range** -200°C to 260°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			see DoC

### Freudenberg

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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 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.

**Freudenberg**

Freudenberg FST GmbH

Technology&amp;Innovation

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