

# Material

## PTFE F52800

white

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### Physical properties

**Density**

DIN EN ISO 1183-1, 23 °C

**nominal range**

2.18 +0.02/-0.04

**typical values**

2.16

g/cm<sup>3</sup>

**Hardness**

DIN ISO 7619-1, Shore D, 23 °C

56 ±2

56

Shore

**Tensile strength**

ISO 527-1, S2, 23 °C

> 20

22.5

MPa

**Elongation at Break**

ISO 527-1, S2, 23 °C

> 200

279

%

**Temperature range**

-200°C to 260°C

### Declarations of conformity

	Country	Part	Remark	Expires	unlimited
Conflict Mineral Free					<input checked="" type="checkbox"/>

### Freudenberg

Freudenberg Sealing Technologies

Global Material Technology

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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.

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