

Material

PTFE F52902

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Physical properties

Density

DIN EN ISO 1183-1, 23 °C

nominal range

2.15 ±0.03

typical values

2.15

g/cm³

Hardness

DIN ISO 7619-1, Shore D, 23 °C, cylinder diam. 50x50 mm, after 3 s

60 +2/-1

59

Shore

Tensile strength

DIN EN ISO 527-1, FD-105, Cross Direction, 23 °C

> 13.5

15.3

MPa

Elongation at Break

DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction

> 180

232

%

Temperature range

-60°C to 260°C

Declarations of conformity

| | Country | Part | Remark | Expires | unlimited |
|-----------------------|---------|------|--|---------|-------------------------------------|
| Conflict Mineral Free | | | see certificate | | <input checked="" type="checkbox"/> |
| RoHS conform | | | including EU 2011/65 and EU2015/863 (ROHS III) | | <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 (1,5mm foil) 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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