

Material

PTFE F52814

white

revision index

2

revision date

4/25/2016

page

1 / 2

Physical properties

nominal range

typical values

Density

DIN EN ISO 1183-1, 23 °C

2.16 ±0.03

2.15

g/cm³

Hardness

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

55 ±2

56

Shore

Tensile strength

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

> 27.6

29.5

MPa

Elongation at Break

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

> 300

335

%

Temperature range

-200°C to 260°C

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
FDA	USA	Seals	§ 177.1550		<input checked="" type="checkbox"/>

Freudenberg

Freudenberg Sealing Technologies
Global Material Technology
Markus Schork

Telefon: +49 (0) 6164 51 225

Fax: +49 (0) 6164 5111225

Email: Markus.Schork@fst.com

Material PTFE F52814

white

revision index

2

revision date

4/25/2016

page

2 / 2

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.

Freudenberg

Freudenberg Sealing Technologies

Global Material Technology

Markus Schork

Telefon: +49 (0) 6164 51 225

Fax: +49 (0) 6164 5111225

Email: Markus.Schork@fst.com