

Material PTFE Y002

beige

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Physical properties

**typical
values**

Density

DIN EN ISO 1183-1, 23 °C

2.03

g/cm³

Hardness

DIN ISO 7619-1, Shore D, 23 °C, 3 sec.

59

Shore

Ball indentation hardness

DIN EN ISO 2039-1, 23 °C

37

MPa

Tensile strength

on basis of DIN EN ISO 527, SPI, 23 °C, UR

24

MPa

Elongation at Break

on basis of DIN EN ISO 527, SPI, 23 °C

380

%

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
(EG) 10/2011	EU		food		<input checked="" type="checkbox"/>
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		<input checked="" type="checkbox"/>
ADI Free			see certificate		<input checked="" type="checkbox"/>
Conflict Mineral Free			see certificate		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.1550		<input checked="" type="checkbox"/>
GB 4806 / 9685	CN		GB 4806.7		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>
USP Chapter 87 (In Vitro)	USA	Seals			<input checked="" type="checkbox"/>
USP Class VI Ch. 88 - 121 °C	USA	Seals			<input checked="" type="checkbox"/>

Freudenberg

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No ASTM D2000 properties available

Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities.

The composition of the material is compliant with the "Japanese Food Sanitation Act".

The given values are based on a limited number of tests on standard test pieces 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.

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