

# Material PTFE Y002

beige

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## Physical properties

### typical values

### Density

DIN EN ISO 1183-1, 23 °C

2.03

g/cm<sup>3</sup>

### 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

%

## Temperature range

-80°C to 200°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
(EG) 10/2011	EU		food	see DoC
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
ADI Free			see certificate	see DoC
Conflict Mineral Free			see certificate	see DoC
Cytotoxicity USP chapter 87 & 88 (class VI)	-	Seals		12 / 2030
FDA	USA	Seals	§ 177.1550	see DoC
GB 4806 / 9685	CN		GB 4806.7	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

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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 provisons do not plan for something else.

### Freudenberg

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