

Material

PTFE Y005

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Physical properties

	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.92	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C, 3 sec.	62	Shore
Ball indentation hardness DIN EN ISO 2039-1, 23 °C	53	MPa
Tensile strength on basis of DIN EN ISO 527, SPI, 23 °C, UR	12	MPa
Elongation at break on basis of DIN EN ISO 527, SPI, 23 °C	250	%

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	09 / 2025
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
ADI Free			see certificate	see DoC
Conflict Mineral Free			see certificate	see DoC
FDA	USA	Seals	§ 177.1550	06 / 2026
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

The special compound is characterized by high temperature and chemical resistance, high form stability to gap extrusion and low deformation under load.

Typical range of application:

- static sealing with high pressure load
- molded parts
- guide tape and slip rings

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 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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