

Material PTFE Y005

beige

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12/8/2014	1	11/7/2013		

Physical properties

Density DIN EN ISO 1183-1, 23 °C	actual	1.93	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C		65	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	%

Certificates	Country	Part	Remark	Expires	unlimited
Unbedenklichkeitserklärung	D				<input checked="" type="checkbox"/>
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The special compound is characterized by high temperature and chemical resistance, high form stability to gap extrusion and low deformation under load.

This material corresponds in its composition to the requirements of the FDA- regulation 21 CFR § 177.2600.

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 (2mm sheets) 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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