

Material

PTFE 177509

Revision Index
02**Revision Date**
17.05.2016**General Data**

Colour: white

Physical Properties

	Nominal Range	Typical Value	
Density DIN EN ISO 1183-1, 23 °C	2.18 +0.02 /-0.04	2.18	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C, cylinder diam. 50x50 mm, after 3 s	56 ±2	56	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>20	23.3	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>200	255	%

Temperature Range

static: -150 to 260 °C

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 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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