Material
PTFE F55102

Version	Released on
03	23.11.2021

General Data

Colour: Light grey

Physical Properties	**Nominal Range**	**Typical Value**	
Density DIN EN ISO 1183-1, 23 °C	2.27 ±0.06	2.26	g/cm³
Hardness DIN ISO 48-4, Shore D, 23 °C, after 3 s	68 ±3	62	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>14	17.5	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>160	195	%

Temperature Range

static: -60 to 260 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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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