

Material PTFE F52803

Revision Index
02

Revision Date
01.02.2018

General Data

Colour: white

Declaration of Compliance for - Food & Beverage is available upon request for selected articles. Please contact your known sales contact or send an email to info@fst.com.

Physical Properties

	Nominal Range	Typical Value	
Density DIN EN ISO 1183-1, 23 °C	2.18 +0.02 /-0.04	2.17	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C, cylinder diam. 50x50 mm, after 3 s	56 ±2	55	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	27 +8 /-7	24.3	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	300 ±100	311	%

Temperature Range

static: -200 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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