Technical data sheet in accordance with ASTM

Material
PTFE F56101
black

PTFE-carbon compound (10%)

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Physical properties		nominal range	typical values	
Density ASTM D 792, 23 °C		2.15 ±0.03	2.16	g/cm³
Hardness ASTM D 2240 Typ D, Shore D, 23 °C, cylinder diameter 50x50 mm, after 3 s		60 ±3	60	Shore
Ball indentation hardness DIN EN ISO 2039-1, 23 °C		27 ±2.5	26.95	MPa
Tensile strength ASTM D 638, FD-105, 23 °C, UR		> 16.5	17.9	MPa
Elongation at Break ASTM D 638, FD-105, 23 °C, UR		> 200	254	%
Temperature range	-200°C to 260°C			

Declarations of conformity
No data found!

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No ASTM D2000 properties available

This material is characterized by good resistance to wear and good thermal conductivity. To a large extent the material is resistant to chemicals.

Temperature range: -150°C to +260 °C

The given values are based on a limited number of tests on standard test pieces (1,5mm foil) 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 provisons do not plan for something else.