Material
PTFE F56110
black

PTFE-carbon compound (10%)

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Physical properties	nominal range	typical values	
Density DIN 53479 T1, 23 °C	2.15 ±0.03	2.15	g/cm³
Hardness ASTM D 2240 Typ D, Shore D, 23 °C, cylinder diameter 50x50 mm, after 3 s	60 ±3	60	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	> 17	19.6	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	> 300	347	%
Temperature range	-150°C to 260°C		

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
ADI Free				see DoC

Freudenberg
Freudenberg FST GmbH
Technology&Innovation
Material Compliance

Telefon: -
Fax: -
Email: MaterialCompliance@fst.com

ADI ANIMAL DERIVED INGREDIENT free CERTIFIED

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No ASTM D2000 properties available

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

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.

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Technology&Innovation
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Telefon: -
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