

Technical data sheet in accordance with ASTM

Material

PTFE C-FLON

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Physical properties

nominal range

typical values

Density

ASTM D972, 23 °C

2.08 ±0.03

g/cm³

Hardness

ASTM D2240, Shore D, 23 °C

64 +3/-2

Shore

Tensile strength

ASTM D4745, 23 °C

14 - 18

MPa

Elongation at break

ASTM D4745, 23 °C

70 - 120

%

Deformation under load

accordance with ASTM D 621, 23 °C, 24 h, 13.7 N/mm², PR

5 - 6

%

Permanent deformation

accordance with ASTM D 621, 23 °C, PR

2.5 - 4

%

Temperature range

-200°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

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No ASTM D2000 properties available

Attention! Preliminary data sheet!

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 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 provisions do not plan for something else.

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