

Material

PTFE 177023

brown

60% bronze

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Physical properties

typical values

Density

DIN EN ISO 1183, 23 °C

3.85 ±0.10

g/cm³

Hardness

DIN ISO 7619-1, Shore D, 23 °C

65

Shore

Ball indentation hardness

EN ISO 2039-1, 23 °C

34

MPa

Tensile strength

DIN EN ISO 527, 23 °C

20

MPa

Elongation at break

DIN EN ISO 527, 23 °C

200

%

Temperature range

-200°C to 260°C

short term: 300°C

Declarations of conformity

No data found!

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

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No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces. 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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