

Material

PTFE B-FLON

dark brown

40 % bronze
2 % carbon

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9/6/2019

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Physical properties

nominal range

typical values

Density

ASTM D792, 23 °C

3.07 ±0.09

g/cm³

Hardness

ASTM D2240, Shore D, 23 °C

> 58

Shore

Tensile strength

ISO 527, CD, 23 °C

> 20

MPa

Elongation at break

ISO 527, 23 °C, CD

> 220

%

Deformation under load

ISO 527, 23 °C, 24 h, 13.7 N/mm², PR

< 8

%

Temperature range

-200°C to 260°C

Declarations of conformity

No data found!

Freudenberg

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Technology&Innovation

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No ASTM D2000 properties available

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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