

Material

PTFE C104

anthracite

PTFE / carbon fibre

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Physical properties

typical values

Density

DIN EN ISO 1183-1, 23 °C

2.09

g/cm³

Hardness

DIN ISO 7619-1, Shore D, 23 °C, 3 sec.

60

Shore

Ball indentation hardness

DIN EN ISO 2039-1, 23 °C

32

MPa

Tensile strength

on basis of DIN EN ISO 527, SPI, 23 °C, UR

22

MPa

Elongation at break

on basis of DIN EN ISO 527, SPI, 23 °C

280

%

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

Conflict Mineral Free

see DoC

see DoC

Freudenberg

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No ASTM D2000 properties available

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

Freudenberg

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