

Material

PTFE B-FLON

dark brown

40 % bronze
2 % carbon

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Physical properties

| | nominal range | typical values | |
|--|-----------------|----------------|-------------------|
| Density ASTM D792, 23 °C | 3.07 ±0.09 | --- | g/cm ³ |
| 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/mm ² , PR | < 8 | --- | % |
| Temperature range | -200°C to 260°C | | |
| Declarations of conformity No data found! | | | |

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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 manufactory 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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