

Material

PTFE B100

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Physical properties

| | nominal range | typical values | |
|---|---------------|----------------|-------------------|
| Density DIN EN ISO 1183-1, 23 °C | --- | 3.09 | g/cm ³ |
| Hardness DIN ISO 7619-1, Shore D, 23 °C, 3 sec. | --- | 61 | Shore |
| Ball indentation hardness DIN EN ISO 2039-1, 23 °C | --- | 44 | MPa |
| Tensile strength on basis of DIN EN ISO 527, SPI, 23 °C, UR | --- | 24 | MPa |
| Elongation at break on basis of DIN EN ISO 527, SPI, 23 °C | --- | 370 | % |

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 |
|-----------------------|---------|------|---|---------|
| Conflict Mineral Free | | | see certificate | see DoC |
| Info ROHS and ELV | | | EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III) | see DoC |

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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 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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