

## Material

### PTFE 177023

**Version**  
01**Released on**  
15.11.2017**General Data**

Colour: brown  
Filler: bronze, 60.00%

**Physical Properties**

	Nominal Range	Typical Value
<b>Density</b> DIN EN ISO 1183, 23 °C		3.85 g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore D, 23 °C		65 Shore
<b>Ball indentation hardness</b> EN ISO 2039-1, 23 °C		34 MPa
<b>Tensile strength at break</b> DIN EN ISO 527, 23 °C		20 MPa
<b>Elongation at break</b> DIN EN ISO 527, 23 °C		200 %

**Temperature Range**

static: -200 to 260 °C  
static short term: up to 300 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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 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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