

## Material

### PTFE F52902

**Revision Index**  
02**Revision Date**  
25.04.2016**General Data**

Colour: anthracite

**Physical Properties**

	<b>Nominal Range</b>	<b>Typical Value</b>	
<b>Density</b> DIN EN ISO 1183-1, 23 °C	2.15 ±0.03	2.15	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore D, 23 °C, cylinder diam. 50x50 mm, after 3 s	60 +2 /-1	59	Shore
<b>Tensile strength</b> DIN EN ISO 527-1, FD-105, Cross Direction, 23 °C	>13.5	15.3	MPa
<b>Elongation at break</b> DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>180	232	%

**Temperature Range**

static: -60 to 260 °C

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.

**Print date:** 29.04.2025