

# Material

## PTFE C104

anthracite

PTFE / carbon fibre

<b>revision index</b>	<b>revision date</b>	<b>page</b>	1 / 2
5	11/14/2018		

### Physical properties

	<b>typical values</b>	
<b>Density</b> DIN EN ISO 1183-1, 23 °C	2.09	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore D, 23 °C, 3 sec.	60	Shore
<b>Ball indentation hardness</b> DIN EN ISO 2039-1, 23 °C	32	MPa
<b>Tensile strength</b> on basis of DIN EN ISO 527, SPI, 23 °C, UR	22	MPa
<b>Elongation at Break</b> on basis of DIN EN ISO 527, SPI, 23 °C	280	%

### Declarations of conformity

	<b>Country</b>	<b>Part</b>	<b>Remark</b>	<b>Expires</b>	<b>unlimited</b>
ADI Free					<input checked="" type="checkbox"/>
Conflict Mineral Free					<input checked="" type="checkbox"/>

### Freudenberg

Freudenberg Sealing Technologies  
Global Material Technology  
Markus Schork

Telefon: +49 (0) 6164 51 225  
Fax: +49 (0) 6164 5111225  
Email: Markus.Schork@fst.com



## Material PTFE C104

anthracite

PTFE / carbon fibre

**revision index**

5

**revision date**

11/14/2018

**page**

2 / 2

### 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

Freudenberg Sealing Technologies  
Global Material Technology  
Markus Schork

Telefon: +49 (0) 6164 51 225  
Fax: +49 (0) 6164 5111225  
Email: Markus.Schork@fst.com

