

# Material

## 80 FKM FP807101

**Revision Index**  
02

**Revision Date**  
04.11.2022

### General Data

Colour: black  
 Type of cross-linking: Bisphenol cure system

### Physical Properties

	Nominal Range	Typical Value	
<b>Density</b> ASTM D 1817	1.87 ±0.02	1.88	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D 2240, Shore A	80 ±5	78	Shore
<b>Tensile strength</b> ASTM D 412		12.4	MPa
<b>Elongation at break</b> ASTM D 412		221	%
<b>Low temperature</b> ASTM D 1329, TR10		-17.3	°C
<b>Compression set</b> ASTM D 395, B, 22 h, 200 °C		18	%

### Temperature Range

static: -15 to 250 °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.

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