

## Material

### 80 FKM FP801903

**Revision Index**  
04**Revision Date**  
08.12.2023**General Data**

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

**Physical Properties**

	Nominal Range	Typical Value
<b>Density</b> ISO 2781 A	1.91 ±0.02	g/cm <sup>3</sup>
<b>Hardness</b> ISO 7619-1, Shore A	80 ±5	Shore
<b>Tensile strength</b> DIN 53504, S2	>10	MPa
<b>Elongation at break</b> ISO 53504, S2	>160	%
<b>Compression set</b> ISO 815-1, Prüfkörper B, 24 h, 200 °C	<20	%
<b>Low temperature</b> ASTM D1329, TR10		-17 °C

**Temperature Range**

static: -25 to 200 °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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