

# Material 75 FKM 177645

**Revision Index**  
04

**Revision Date**  
12.09.2017

**General Data**

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

Physical Properties	Nominal Range	Typical Value	
Density DIN EN ISO 1183-1	1.97 ±0.03	1.98	g/cm <sup>3</sup>
Hardness ASTM D 2240, Shore A	75 ±5	74	Shore
Tensile strength ASTM D 412	10	13.6	MPa
Elongation at break ASTM D 412	175	241	%
Modulus 100 %, ASTM D412		5.5	MPa
Modulus 200 %, ASTM D412		11.9	MPa
Compression set ASTM D395, B, 22 h, 200 °C		18	%

**Temperature Range**

static: -20 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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