

Material

80 FKM FP802802

Revision Index
03

Revision Date
26.01.2023

General Data

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

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 297	1.84 ±0.02	1.84	g/cm ³
Hardness ASTM D 2240, Shore A	80 ±5	80	Shore
Modulus 100 %, ASTM D412		8.6	MPa
Tensile strength ASTM D 412		14.9	MPa
Elongation at break ASTM D 412		177	%
Low temperature ASTM D 1329, TR10		-16	°C
Compression set ASTM D 395, B, 22 h, 175 °C		13	%
Compression set ASTM D 395, B, 22 h, 200 °C		15	%

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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