

Material

75 FKM V199

Revision Index
 02

Revision Date
 04.12.2018

General Data

 Colour: black
 Type of cross-linking: Peroxidic

Physical Properties	Nominal Range	Typical Value	
Density ASTM D297	1.73 ±0.02	1.73	g/cm ³
Hardness ASTM D2240, Shore A	75 ±5	76	Shore
Hardness ASTM D2240, Shore M		80	Shore
Tensile strength ASTM D1414		1804	psi
Elongation at break ASTM D1414		186	%
Low temperature ASTM D1329, TR10	-29	-31	°C
Glass transition temperature ASTM D7426	-29	-30	°C
Compression set ASTM D395, 22 h, 200 °C, 25 %		7	%
Compression set ASTM D395, 336 h, 200 °C, 25 %		26	%

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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