

Material

80 FKM FP802701

black

type of cross-linking: Bisphenol cure system

Print date

2025.02.06

Revision index

03

Revision date

2017.07.03

Physical Properties	Nominal Range	Typical Value	
Density ASTM D297	1.91 ±0.03	1.91	g/cm ³
Hardness ASTM D 2240, Shore A	80 ±5	80	Shore
Tensile strength ASTM D412		14.3	MPa
Elongation at break ASTM D412		175	%
Tear strength ASTM D 624, B		31	KN/m
Low temperature resistance ASTM D 746		-17	
Low temperature ASTM D1329, TR10		-17	°C
Compression set ASTM D395, B, 70 h, 200 °C, 25 %		20	%

Temperature Range [°C]

static: -20.00 to 200.00

dynamic:

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.