

Material

70 EPDM EP701802

Revision Index
02

Revision Date
27.05.2021

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 1817	1.26 ±0.03	1.26	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	70	Shore
Tensile strength ASTM D412		11.4	MPa
Elongation at break ASTM D412		320	%
Tear strength ASTM D 624, C		33.7	KN/m
Low temperature ASTM D1329, TR10		-42.3	°C
Compression set ASTM D395, B, 22 h, 125 °C		49	%
Low temperature resistance ASTM D 2137, 3 min, pass		-40	°C
Ozone Resistance ASTM D1171-18, 40 °C, 70 h, 50 pphm, pass, no-crack		0	

Temperature Range

static: -45 to 130 °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 manufactories 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.

Print date: 29.04.2025