

Material

70 EPDM EP704808

Revision Index
03

Revision Date
23.01.2019

General Data

Colour: black
 Type of cross-linking: Sulfur

Declaration of Compliance for - Food & Beverage is available upon request for selected articles. Please contact your known sales contact or send an email to info@fst.com.

Physical Properties	Nominal Range	Typical Value	
Density ISO 2781 A	1.13 ±0.03	1.13	g/cm ³
Hardness ASTM D 2240, Shore A	70 ±5	70	Shore
Tensile strength ISO 37-Typ 1		11.5	MPa
Elongation at break ISO 37-Typ 1		380	%
Modulus ISO 37, 100 %		3.5	MPa
Tear strength ISO 34-1 C		50	KN/m
Low temperature ISO 2921, TR10		-27	°C
Low temperature ISO 812, Brittleness point		-51	°C
Compression set DIN ISO 815, A, 24 h, 100 °C, 25 %		23	%
Compression set DIN ISO 815, A, 70 h, 100 °C, 25 %		41	%
Ozone Resistance ISO 1431-1, 72 h, 40 °C, 200 pphm, no cracks		0	
Volume resistivity DIN EN IEC 62631-3-1, 23 °C		1000000	Ohm*c m
Temperature Range			
static:	-45 to 110 °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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