

Material

70 NBR NB702717

Revision Index
04

Revision Date
22.11.2018

General Data

Colour: black
 Type of cross-linking: Sulfur

Declaration of Compliance for - DVGW Gas 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 DIN 53479	1.23 ± 0.03	1.23	g/cm ³
Hardness DIN 53505, Shore A	70 ±5	71	Shore
Modulus DIN 53504, 100 %, 23 °C		4.8	MPa
Tensile strength DIN 53504	>= 7.0	14.5	MPa
Elongation at break DIN 53504	>= 125	345	%
Tear strength DIN ISO 34-1, 23 °C		4	KN/m
Compression set DIN 53517, A, 72 h, -20 °C, 25 %	<= 50	44	%
Compression set DIN 53517, A, 72 h, 0 °C, 25 %	<= 40	13	%
Compression set DIN 53517, A, 22 h, 100 °C, 25 %		13	%
Compression set DIN 53517, A, 168 h, 100 °C, 25 %	<= 40	31	%
Glass transition temperature DIN EN ISO 11357-2, DSC		-30	°C
Low temperature resistance DIN 53546, brittleness point		-34	°C
Low temperature ASTM D1329, TR10		-30	°C

Temperature Range

static: -30 to 100 °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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