

Material

70 HNBR HN702704

Version
02

Released on
03.03.2025

General Data

Colour: black
 Type of cross-linking: Peroxidic

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 ASTM D297	1.24 ±0.03	1.24	g/cm ³
Hardness ASTM D 2240, Shore A	70 ±5	73	Shore
Tensile strength ISO 37	> 7.0	14.0	MPa
Elongation at break ISO 37	> 125	180	%
Modulus ISO 37, 100 %		7.8	MPa
Low temperature ASTM D 746, brittleness point		-43	°C
Low temperature ASTM D 1329, TR10		-33	°C
Glass transition temperature ASTM D3418, DSC		-41	°C
Compression set DIN ISO 815, 24 h, 100 °C, 25 %		18	%
Compression set DIN ISO 815, 168 h, 150 °C, 25 %		39	%

Temperature Range

static: -40 to 150 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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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