

Material

70 NBR NB702717

Version
04

Released on
23.06.2025

General Data

Colour: Black
 Type of cross-linking: Sulfur

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

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.

Print date: 24.06.2026

Regulatory Material Information for 70 NBR NB702717

This overview reflects the current available conformity documents for this specific material only, applicable at the date of issue identified below, to the best of our knowledge. It is for information purposes only and does not replace the Declarations of Conformity (DoC) or other article or product-based assessments. The DoC are available upon request under the conditions, limitations, and validity periods specified therein.

Declaration of Compliance for - DVGW Gas are available upon request. Please contact your known sales contact or send an email to info@fst.com.

Overview Material related documents:	Release Date	Expiration Date
ROHS and ELV	20.05.2024	20.05.2029

Issue Date: 24.06.2026

It is valid until the mentioned expiry dates or other legal changes become effective.

Disclaimer:

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