

Material

70 NBR NB707101

Version
06

Released on
19.02.2025

General Data

Colour: Black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 1817	1.23 ±0.03	1.23	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	72	Shore
Tensile strength ASTM D412	>14	17.3	MPa
Elongation at break ASTM D412	>250	332	%
Modulus 100 %, ASTM D412		5.5	MPa
Low temperature ASTM D1329, TR10		-27.3	°C
Low temperature resistance ASTM D 2137, 3 min, Method A, Nonbrittle; pass		-30	°C
Compression set ASTM D395, B, 22 h, 100 °C, button		8	%

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 NB707101

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.

Overview Material related documents:	Release Date	Expiration Date
ADI Free	28.10.2022	28.10.2027
ROHS and ELV	28.11.2019	28.10.2027

Issue Date: 24.06.2026

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

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