

Material

70 NBR NB70E501

Version
01

Released on
26.04.2021

General Data

Colour: black
Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 1817	1.46 ±0.03	1.46	g/cm ³
Hardness ASTM D 2240, Shore A	70 ±5	72	Shore
Tensile strength ASTM D 412		12.7	MPa
Elongation at break ASTM D 412		492	%
Compression set ASTM D 395, B, 22 h, 100 °C, 25 %		24	%

Temperature Range

static: -35 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.

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