

Material

80 NBR NB802704

Revision Index
02

Revision Date
24.04.2025

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 297	1.29 ±0.03	1.30	g/cm ³
Hardness ASTM D 2240, Shore A	80 ± 3	80	Shore
Tensile strength ISO 37	> 7.0	16.5	MPa
Elongation at break ISO 37	> 125	260	%
Modulus ISO 37, 100 %		7.0	MPa
Tear strength ASTM D 624 C		42	KN/m
Low temperature ASTM D 1329, TR10		-18	°C
Low temperature resistance ASTM D 2137, Brittlenesspoint		-25	°C
Compression set ASTM D 395 B, 24 h, 100 °C, 25 %		14	%
Compression set ASTM D395, B, 70 h, 100 °C, 25 %		17	%
Compression set ASTM D 395 B, 70 h, 125 °C, 25 %		26	%

Temperature Range

static: -25 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 manufactories 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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