

Material

80 NBR NB804801

Revision Index
01

Revision Date
07.11.2017

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D297, 23 °C	1.29 ±0.02	1.29	g/cm ³
Hardness ASTM D2240, Shore A, 23 °C	80 ±5	80	Shore
Tensile strength ASTM D 412, 23 °C		14	MPa
Elongation at break ASTM D 412, 23 °C		200	%
Tear strength ASTM D 624 B, 23 °C		50	KN/m
Compression set ASTM D 395 B, 22 h, 100 °C, 25 %		12	%
Compression set ASTM D395 B, 70 h, 125 °C, 25 %		25	%
Low temperature ASTM D1329, TR10		-20	°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 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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