

Material

70 NBR N709X

Revision Index
01

Revision Date
02.09.2021

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D297	1.24 ±0.03	1.239	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	73	Shore
Modulus 100 %, ASTM D412, C		604	psi
Tensile strength ASTM D412, C	>2031	2477	psi
Elongation at break ASTM D412, C	>250	334	%
Tear strength ASTM D624, C, 23 °C		49.5	KN/m
Compression set ASTM D395, B, 22 h, 100 °C, Permanent set		10.8	%

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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