

Material

70 NBR NB705001

Revision Index
02

Revision Date
08.12.2023

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 792	1.25 ±0.03	1.25	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	70	Shore
Tensile strength ASTM D412/C		15.3	MPa
Elongation at break ASTM D412/C		340	%
Tear strength ASTM D 624, B		50	KN/m
Modulus 100 %, ASTM D 412-C		3.9	psi
Low temperature ASTM D1329, TR10		-26	°C
Glass transition temperature ASTM D3418, DSC		-28	°C
Low temperature resistance ASTM D2137, Brittleness		-29	°C
Compression set ASTM D 395, Prüfkörper B, 22 h, 100 °C, 25 %		8	%
Compression set ASTM D 395, Prüfkörper B, 70 h, 100 °C, 25 %		15	%
Compression set ISO 815-1, Prüfkörper B, 24 h, 100 °C, 25 %		20	%

Temperature Range

static: -20 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 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: 29.04.2025