

Material

70 NBR NB704816

Revision Index
03

Revision Date
25.04.2025

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ISO 2781 A, 23 °C	1.23 ± 0.03	1.23	g/cm ³
Hardness Shore A, 23 °C	70 ±5	70	Shore
Tensile strength ISO 37 Typ 1		15.0	MPa
Elongation at break ISO 37 Typ 1		400	%
Tear strength ISO 34-1, C, 23 °C		60	KN/m
Compression set DIN ISO 815, A, 22 h, 100 °C		9	%
Compression set DIN ISO 815, A, 70 h, 125 °C		21	%
Low temperature resistance ISO 812, Brittleness point		-26	°C
Low temperature ISO 2921, TR10		-24	°C
Ozone Resistance ISO 1431-1, 70 h, 40 °C, 50 pphm, 2% elongation, no cracks		0	

Temperature Range

static: -35 to 100 °C
 static short term: up to 110 °C
 dynamic: -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 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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