

Material

70 NBR NB701602

Revision Index
02

Revision Date
07.02.2022

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value
Density ASTM D792	1.25	g/cm ³
Hardness ASTM D2240, Shore A	70	Shore
Hardness ISO 48	71	IRHD
Tensile strength ASTM D412	14.3	MPa
Tensile strength ISO 37	14	MPa
Elongation at break ASTM D412	390	%
Elongation at break ISO 37	350	%
Tear strength ASTM D624, B	49	KN/m
Compression set ASTM D395, B, 22 h, 100 °C	10	%
Compression set ASTM D395, B, 70 h, 100 °C	14	%
Compression set ASTM D395, B, 70 h, 125 °C	29	%
Low temperature ASTM D1329, TR10	-28	°C
Low temperature ASTM D1329, TR30	-23	°C
Low temperature ASTM D1329, TR50	-20	°C
Low temperature ASTM D1329, TR70	-12	°C
Low temperature resistance ASTM D 2137, brittleness point	-30	°C

Temperature Range

static: -30 to 120 °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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