

Material

90 NBR NB902708

Revision Index
03

Revision Date
15.04.2021

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D 1817	1.36 ± 0.03	1.36	g/cm ³
Hardness DIN ISO 7619, Shore A	90 ± 5	87	Shore
Tensile strength DIN 53504		13	MPa
Elongation at break DIN 53504		191	%
Tear strength DIN ISO 34-1, B, 23 °C		6	KN/m
Compression set DIN ISO 815-1 A, 72 h, 100 °C, 25 %		19	%
Compression set DIN 53517, 22 h, 100 °C, 25 %		8	%
Compression set DIN 53517, 72 h, 23 °C, 25 %		12	%
Compression set DIN ISO 815-1 A, 24 h, 100 °C, 25 %		12	%
Low temperature ASTM D 1329, TR10		-25	°C
Low temperature resistance ASTM D 2137, Brittleness		-16	°C
Ozone Resistance DIN 53509, 40 °C, 72 h, 50 pphm, pass; no cracks		0	

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: 23.06.2025