

# Material

## 90 NBR NB907101

**Revision Index**  
05

**Revision Date**  
05.02.2024

### General Data

Colour: black  
 Type of cross-linking: Sulfur

### Physical Properties

	Nominal Range	Typical Value	
<b>Density</b> ASTM D1817	1.34 ±0.03	1.34	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D2240, Shore A	90 ±5	92	Shore
<b>Tensile strength</b> ASTM D412		14.4	MPa
<b>Elongation at break</b> ASTM D412		125	%
<b>Modulus</b> 100 %, ASTM D412		12.9	MPa
<b>Low temperature</b> ASTM D1329, TR10		-34.2	°C
<b>Low temperature resistance</b> ASTM D2137, 3 min, Methode A, nonbrittle; Pass		-30	°C
<b>Compression set</b> ASTM D395, Prüfkörper B, 22 h, 100 °C, Button		9	%

### Temperature Range

static: -45 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:** 30.04.2025