

# Material

## 70 NBR NB702822

**Revision Index**  
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**Revision Date**  
29.01.2025

### General Data

Colour: black  
 Type of cross-linking: Sulfur

Declaration of Compliance for - DVGW Gas is available upon request for selected articles. Please contact your known sales contact or send an email to [info@fst.com](mailto:info@fst.com).

Physical Properties	Nominal Range	Typical Value	
<b>Density</b> ASTM D 1817	1.24 ±0.02	1.23	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D 2240, Shore A	70 ±5	70	Shore
<b>Modulus</b> 100 %, ASTM D412		4.6	MPa
<b>Tensile strength</b> ASTM D 412	>14	18.3	MPa
<b>Elongation at break</b> ASTM D 412	>250	412	%
<b>Compression set</b> ASTM D 395, Prüfkörper B, 22 h, 100 °C, solid button	<25	8	%
<b>Compression set</b> ASTM D 395, Prüfkörper B, 70 h, 100 °C, plied sheet	<25	15	%

### Temperature Range

static: -30 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 manufactories 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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