

Material

70 NBR 177646

Revision Index
06**Revision Date**
13.04.2023**General Data**

Colour: black

Physical Properties

| | Nominal Range | Typical Value | |
|---|---------------|---------------|-------------------|
| Density ASTM D297 | 1.25 ±0.02 | 1.25 | g/cm ³ |
| Hardness ASTM D2240, Shore A | 70 ±5 | 73 | Shore |
| Modulus 100 %, ASTM D412 | | 5.8 | MPa |
| Modulus 200 %, ASTM D412 | | 12.5 | MPa |
| Tensile strength ASTM D412 | >14 | 15.9 | MPa |
| Elongation at break ASTM D412 | >250 | 281 | % |
| Compression set ASTM D395, B, 22 h, 100 °C, 25 % | <25 | 10 | % |
| Low temperature ASTM D1329, TR10 | | -30 | °C |

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 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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