

Material

70 EPDM EP702705

Revision Index
03

Revision Date
06.03.2025

General Data

Colour: black
 Type of cross-linking: Sulfur

Physical Properties

| | Nominal Range | Typical Value | |
|--|---------------|---------------|-------------------|
| Density ISO 2781, A | 1.12 ±0.02 | 1.13 | g/cm ³ |
| Hardness ISO 48-4, Shore A | 70 ±5 | 74 | Shore |
| Tensile strength ISO 37, Type 1 | ≥ 10.0 | 13.5 | MPa |
| Elongation at break ISO 37, Type 1 | ≥ 200 | 370 | % |
| Modulus ISO 37, 100 %, Type 1 | ≥ 2.0 | 4.4 | MPa |
| Tear strength ISO 34-1, C, 23 °C | ≥ 26 | 52 | KN/m |
| Low temperature ISO 2921, TR10 | | -31 | °C |
| Low temperature resistance DIN ISO 812, Brittleness | | -50 | °C |
| Compression set DIN ISO 815, 100 °C, 22 h, B | ≤ 20 | 16 | % |
| Compression set DIN ISO 815, 22 h, 125 °C, B | ≤ 26 | 21 | % |
| Compression set DIN ISO 815, 100 °C, 70 h, B | ≤ 26 | 23 | % |
| Compression set DIN ISO 815, B, 125 °C, 70 h | ≤ 40 | 35 | % |

Temperature Range

static: -40 to 150 °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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