DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

# Material
# 90 NBR NB903406

| Revision Index | Revision Date |
|---|---|
| 02 | 03.07.2017 |

**General Data**

| | |
|---|---|
| Colour: | black |
| Type of cross-linking: | Sulfur |

| **Physical Properties** | **Nominal Range** | **Typical Value** | |
|---|---|---|---|
| **Density** ASTM D 1817, 23 °C | 1.32 ±0.02 | 1.32 | g/cm³ |
| **Hardness** ASTM D2240, Shore A, 23 °C | 90 ±5 | 90 | Shore |
| **Tensile strength** ASTM D412 | | 16.8 | MPa |
| **Elongation at break** ASTM D412 | | 142 | % |
| **Low temperature** ASTM D1329, TR10 | | -30 | °C |
| **Tear strength** ASTM D 624, C, 23 °C | | 50 | KN/m |
| **Compression set** ASTM D395, B, 22 h, 100 °C | | 6 | % |

**Temperature Range**

| | |
|---|---|
| static: | -35 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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