DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

# Material
# 80 NBR NB803416

| Version | Released on |
|---|---|
| 01 | 07.11.2017 |

**General Data**

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

| **Physical Properties** | **Nominal Range** | **Typical Value** | |
|---|---|---|---|
| **Density** ASTM D 1817, 23 °C | 1.31 ±0.02 | 1.31 | g/cm³ |
| **Hardness** ASTM D 2240, Shore A, 23 °C | 80 ±5 | 80 | Shore |
| **Tensile strength** ASTM D 412, 23 °C | | 16.8 | MPa |
| **Elongation at break** ASTM D 412, 23 °C | | 195 | % |
| **Tear strength** ASTM D 624 C, 23 °C | | 43 | KN/m |
| **Compression set** ASTM D 395 B, 22 h, 100 °C, 25 % | | 8 | % |

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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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