

Technical data sheet in accordance with ASTM

Material

80 EPDM E458

black

cross linking: peroxidic

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Physical properties

| | nominal range | typical values | |
|--|---------------|----------------|-------------------|
| Density ASTM D297 | 1.20 ±0.02 | 1.20 | g/cm ³ |
| Hardness ASTM D2240, Shore A | 80 ±5 | 82 | Shore |
| Modulus 100 %, ASTM D412, C | --- | 14.8 | MPa |
| Modulus 100 %, ASTM D412, C | --- | 2153 | Psi |
| Tensile strength ASTM D412, C | > 11.7 | 23.1 | MPa |
| Tensile strength ASTM D412, C | > 1700 | 3344 | Psi |
| Elongation at break ASTM D412, C | > 125 | 151 | % |
| Compression set ASTM D395, Slab B, 22 h, 121 °C, 25 %, AS330 | < 30 | 4 | % |
| Low temperature test ASTM D1329, TR10 | < -45 | -55 | °C |
| Low temperature test ASTM D1329, TR10 | < -50 | -67 | °F |

Declarations of conformity

No data found!

Freudenberg

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Technology&Innovation

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No ASTM D2000 properties available

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 provisons do not plan for something else.

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