



CONTACT US

Material 75 EPDM 253356

black
cross linking: peroxidic

| | | |
|-------------------|-----------------------|----------------------|
| print date | revision index | revision date |
| 12/8/2014 | 4 | 2/9/2012 |

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| Physical properties | required | actual | |
|--|------------|--------|-------------------|
| Density DIN EN ISO 1183-1, 23 °C | 1.06 ±0.02 | 1.06 | g/cm ³ |
| Hardness DIN ISO 7619-1, Shore A, 23 °C | 75 ±5 | 71 | Shore |
| Modulus 100 %, DIN 53504, S2, 23 °C | --- | 4.9 | MPa |
| Tensile strength DIN 53504, S2, 23 °C | > 11 | 13.2 | MPa |
| Elongation at Break DIN 53504, S2, 23 °C | > 180 | 205 | % |
| Compression set DIN ISO 815, B, 24 h, 150 °C, 25 % | < 20 | 12 | % |

| Certificates | Country | Part | Remark | Expires | unlimited |
|-----------------------|---------|------|-----------------|---------|-------------------------------------|
| (EG) Nr. 1935/2004 | EU | | food | | <input checked="" type="checkbox"/> |
| (EG) Nr. 2023/2006 | EU | | GMP | | <input checked="" type="checkbox"/> |
| ADI Free | | | | | <input checked="" type="checkbox"/> |
| FDA | USA | | 21 CFR 177.2600 | | <input checked="" type="checkbox"/> |
| Richtlinie 2002/95/EG | EU | | RoHS | | <input checked="" type="checkbox"/> |
| Richtlinie 2011/65/EU | EU | | RoHS | | <input checked="" type="checkbox"/> |

Temperature-range: - 30 °C to 140 °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.

Freudenberg

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