

Material

75 HNBR 231142

black

cross linking: peroxidic

| | | | |
|-----------------------|----------------------|-------------|-------|
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| 8 | 3/6/2017 | | |

| Physical properties | nominal range | typical values | |
|--|----------------|----------------|-------------------|
| Density DIN EN ISO 1183-1, 23 °C | 1.20 ±0.02 | 1.20 | g/cm ³ |
| Hardness DIN ISO 7619-1, Shore A, 23 °C | 78 ±5 | 81 | Shore |
| Micro hardness DIN ISO 48 Verfahren M | 78 +5/-8 | 78 | IRHD |
| Modulus 100 %, DIN 53504, S2, 23 °C | --- | 10 | MPa |
| Tensile strength DIN 53504, S2, 23 °C | --- | 26 | MPa |
| Elongation at Break DIN 53504, S2, 23 °C | --- | 202 | % |
| Compression set DIN ISO 815, B, 24 h, 150 °C, 25 % | --- | 22 | % |
| Temperature range | -35°C to 140°C | | |

Declarations of conformity

| | Country | Part | Remark | Expires | unlimited |
|---|---------|-------|----------------------------------|-----------|-------------------------------------|
| (EG) 1935/2004 | EU | | food | | <input checked="" type="checkbox"/> |
| (EG) 2023/2006 (GMP) | EU | | (EG) 2023/2006 (GMP) | | <input checked="" type="checkbox"/> |
| 3-A Sanitary ADI Free | USA | Seals | Class I | 12 / 2020 | <input type="checkbox"/> |
| Arrete 9.Nov 1994 BPA/Phthalate free | F | Seals | | 02 / 2022 | <input checked="" type="checkbox"/> |
| FDA | USA | Seals | BPA/Phthalate free § 177.2600 | | <input checked="" type="checkbox"/> |

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No ASTM D2000 properties available

Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities.

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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