

| Properties                                 | Unit              | Test method | Values      |
|--|-------------------|-------------|-------------|
| Rubber type                                |                   |             | FPM         |
| Colour                                     |                   |             | Black       |
| Hardness                                   | Sh A              | ISO 7619-1  | 68 ±5       |
| Tensile strength                           | MPa               | ISO 37      | 10.7        |
| Elongation at break                        | %                 | ISO 37      | 570         |
| Density                                    | g/cm <sup>3</sup> |             | 1.84 ±0.02  |
| Range of temperature in dry air            | °C                |             | -20 to +180 |
| Compression set, small, 24h/70C            | %                 | ISO 815     | 16          |
| Wear resistance                            |                   |             | ●●●●        |
| Resistance to weather and ozone            |                   |             | ●●●●        |
| Resistance to hydrolysis (water and steam) |                   |             | ●●●         |
| Resistance to chemicals (acids/bases)      |                   |             | ●●●         |
| Resistance to mineral oil and gas          |                   |             | ●●●         |

Scale:

- Very poor
- Poor
- Average
- Good
- Very good

| Special properties   |
|--|
| Heat resistance<br>Resistance to oils, fuels, lubricants, most mineral acids and aggressive chemicals<br>Resistance to biological factors - fungus and mold<br>Good electrical properties in low voltage |

| Applications  |
|---|
| Gaskets<br>Seals O-rings<br>Diaphragms<br>Food Industry<br>Medical Industry |

| Caution  |
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| Abovementioned results are based on laboratory tests and must be evaluated for the specific articles and applications.<br>Fire may create small amounts of hydrogen sulfide and carbon dioxide. Disposal by incineration in compliance with local regulations. |