

Material 75 FKM 585

Revision Index

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Revision Date

12.07.2022

General Data

Colour: black-brown
Type of cross-linking: Bisphenol cure system

Physical Properties

| | Nominal Range | Typical Value | |
|---|---------------|---------------|-------------------|
| Density DIN EN ISO 1183-1 | 2.05 ±0.03 | 2.05 | g/cm ³ |
| Hardness DIN ISO 7619-1 | 75 ±5 | 75 | Shore |
| Rebound resilience DIN 53512 | | 6 | % |
| Modulus 100 %, DIN 53504, S2 | >4 | 6.9 | MPa |
| Tensile strength DIN 53504, S2 | >10 | 12.8 | MPa |
| Elongation at break DIN 53504, S2 | >175 | 225 | % |
| Compression set DIN ISO 815, 22 h, 175 °C | | 28 | % |
| Glass transition temperature DIN 53765, DSC | | -14 | °C |

Temperature Range

static: -30 to 200 °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 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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