

Characteristics and features

- EPDM quality for drinking water application
- peroxide cured
- Approval according Elastomerleitlinie KTW and W270
- Approval according CLP and WRAS
- Makrolon and Plexiglas resistant
- PAK according AfPS GS 2014: Cat. 1

A-KT 70-00

All our products are:

- PAH-free (EU 1272/2013)
- REACH conform
- Nitrosamin free
- RoHS II conform

Technical data sheet

| | | | |
|--------------------------------|----------------------|----------------------------|------------------------|
| Polymer | | DIN ISO 1629 | EPDM |
| Colour | | | black |
| Shore hardness | [ShA] | ISO 7619-1 / 3s | 70 ± 5 |
| Density | [g/cm ³] | DIN EN ISO 1183 / ISO 2781 | 1,08 ± 0,02 |
| Tensile strength | [N/mm ²] | ISO 37 | > 7 |
| Elongation at break | [%] | ISO 37 | > 180 |
| Temperature resistance | [°C] | | -50°C to +130°C |
| Tear strength | [N/mm] | DIN ISO 34-1 A | > 1,5 |
| Compression set * | [%] | ISO 815 | < 20 |
| Fire resistance ** | | FMVSS 302 | B (hardly inflammable) |
| Ozone resistance *** | | ISO 1431-1 | ozone resistant |
| Spec. Volume resistance | [Ωcm] | VDE 0303-30 | antistatic |

* 24 h / 70 °C; ** tested at bei 2 mm; *** 50 pphm, 40°C, 72 h, 20% Elongation

Resistance



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Important information:

The listed test values and data are based on results of many years of development, tests and proving. A characteristics warranty and guaranteed function can't be derived from the information given. It is within the user's responsibility to test the selection of material in a specific application to ascertain his intended operational capability. Technical changes within the product development are subject to change.

This edition supersedes all previous data sheets.