

## Characteristics and features

- very hard drinking water EPDM quality, peroxide cured
- Approved acc. Elastomerleitlinie KTW and W270
- Approved acc. DIN EN 681-1/WA, WC
- Approved acc. WRAS (GB) and ACS (F)
- Approved KIWA ( NL), Belaqua (B)
- short time temperature-resistant to 150°C

**A-KT 90-00**

**All our products are:**

- PAH-free (EU 1272/2013)
- REACH conform
- Nitrosamin free
- RoHS 3 conform

## Technical data sheet

<b>Polymer</b>		DIN ISO 1629	EPDM
<b>Colour</b>			black
<b>Shore hardness</b>	[ShA]	ISO 7619-1 / 3s	90 +/-5
<b>Density</b>	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,16 +/-0,02
<b>Tensile strength</b>	[N/mm <sup>2</sup> ]	ISO 37	> 10
<b>Elongation at break</b>	[%]	ISO 37	> 100
<b>Temperature resistance</b>	[°C]		-45°C to 130°C
<b>Tear strength</b>	[N/mm]	DIN ISO 34-1 A	> 2,5
<b>Compression set *</b>	[%]	ISO 815	< 20
<b>Fire resistance **</b>		FMVSS 302	B (hardly inflammable)
<b>Ozone resistance ***</b>		ISO 1431-1	ozone resistant
<b>Spec. Volume resistance</b>	[Ωcm]	VDE 0303-30	conductive

\* 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.