

## Characteristics and features

- EPDM quality, peroxide cured
- Makrolon and Plexiglas resistant
- conform with FDA 21§177.2600
- conform w. French drinking water app. (CLP-certificate)
- complies with VW 2.8.1 G65 (at 130°C) and DBL 5556.30
- short time temperature resistant to 150°C

**A-KL 65-00**

All our products are:

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

## Technical data sheet

<b>Polymer</b>		DIN ISO 1629	EPDM
<b>Colour</b>			black
<b>Shore hardness</b>	[ShA]	ISO 7619-1 / 3s	65 ± 5
<b>Density</b>	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,13 ± 0,02
<b>Tensile strength</b>	[N/mm <sup>2</sup> ]	ISO 37	> 12,5
<b>Elongation at break</b>	[%]	ISO 37	> 230
<b>Temperature resistance</b>	[°C]		-55°C to +130°C
<b>Tear strength</b>	[N/mm]	DIN ISO 34-1 A	> 2,5
<b>Compression set *</b>	[%]	ISO 815	< 25
<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	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.