

## Technical Data Sheet

## A-KL 65-00

- EPDM quality, peroxide cured
- makrolon and prexiglas resistant
- conform with FDA 21§177.2600
- compliant with the French Drinking water approval (CLP certificate)
- complies with VW 2.8.1 G65 (at 130 °C) and DBL 5556.30
- short time temperature resistant to 150 °C

### Technical Data

Polymer	DIN ISO 1629		EPDM
Colour			black
Temperature resistance heat		[°C]	130
Temperature resistance cold		[°C]	- 55
Shore hardness A	ISO 7619-1 / 3s		65 ± 5
Density	DIN EN ISO 1183 ISO 2781	[g/cm <sup>3</sup> ]	1.13 ± 0.02
Tensile strength	ISO 37	[N/mm <sup>2</sup> ]	> 12.5
Elongation at break	ISO 37	[%]	> 230
Compression set 24 h / 70 °C	ISO 815	[%]	< 25
Tear strength	DIN ISO 34-1 A	[N/mm]	> 2.5
Fire resistance (tested at 2 mm)	FMVSS 302		B (hardly inflammable)
Ozone resistance 50 pphm, 40 °C, 72 h, 20 % elongation	ISO 1431-1		ozone resistant
Spez. volume resistance	VDE 0303-30	[Ωcm]	antistatic



















All our products are:

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

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### Resistances

 heat resistance	 cold flexibility	 weather/ozone	 light	 tensile strength	 impact resilience
 abrasion resistance	 fuel resistance	 diesel resistance	 drinking water quality	 water at 100°	 fire resistance
 oil resistance	 bases resistance	 acid resistance	 gas permeability	 antistatic	 plexiglass compatibility

The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.