

PAH-free
EU
1272/2013

 REACH-
conform

 Nitrosamine
-free

 RoHS 2-
conform

Characteristics and features

- Silicone quality (MVQ)
- peroxide cured
- post-cured
- FDA 21§177.2600 conform
- drinking water certified according to KTW and W270
- PAH free according AfPS GS 2014: category 1

Physical data

Polymer		DIN ISO 1629	Silicone (MVQ)
Colour			white
Hardness	Shore A	ISO 48-4	70 ± 5
Density	g/cm ³	DIN EN ISO 1183 / ISO 2781	1,19 ± 0,02
Tensile strength	MPa	ISO 37	>8
Elongation at break	%	ISO 37	> 450
Temperature resistance	°C		-45°C to +200°C
Tear resistance	N/mm	DIN ISO 34-1A	> 8,0
Compression set*	%	ISO 815	< 20
Fire resistance**		FMVSS 302	B (hardly inflammable)
Ozon resistance***		ISO 1431-1	ozone resistant
Spec. Volume resistance	Ωcm	VDE 0303-30	isolating

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

With the publication of this technical data sheet, all previously published data sheets lose their validity.

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.

The above data is based on accompanying compound release tests and represents product classification numbers, however they do not contain ascertained properties and cannot be binding. We reserve the right to alter product constants with the scope of technical progress or new developments. This document was printed by computer therefore not signed.

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