

Characteristics and features

- Silicone quality
- peroxide cured
- post-cured
- FDA 21§177.2600 conform
- complies with WL 5.5504
- PAH free according AfPS GS 2014: category 1

PAH-free
EU
1272/2013

REACH-
conform

Nitrosamine
-free

RoHS 3-
conform

Physical data

Polymer		DIN ISO 1629	Silikon (MVQ)
Colour			opaque/ transparent
Hardness	Shore A	ISO 48-4	50 ± 5
Density	g/cm ³	DIN EN ISO 1183 / ISO 2781	1,15 ± 0,02
Tensile strength	MPa	ISO 37	>6,5
Elongation at break	%	ISO 37	> 350
Temperature resistance	°C		-40°C to +200°C
Tear resistance	N/mm	DIN ISO 34-1A	> 6,0
Compression set*	%	ISO 815	< 20
Fire resistance**		FMVSS 302	SE (self extinguish)
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.

Status from 10.01.2024/ issue 5

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