

PAH-free  
EU  
1272/2013

 REACH-  
conform

 Nitrosamine  
-free

 RoHS 2-  
conform

## Characteristics and features

- Silicone quality (MVQ)
- peroxide cured
- not postcured
- high transparency
- PAH free according AfPS GS 2014: category 1
- short time temperature resistant to +220°C

## Physical data

Polymer		DIN ISO 1629	Silikon (MVQ)
<b>Colour</b>			transparent
<b>Hardness</b>	Shore A	ISO 48-4	40 ± 5
<b>Density</b>	g/cm <sup>3</sup>	DIN EN ISO 1183 / ISO 2781	1,11 ± 0,02
<b>Tensile strength</b>	MPa	ISO 37	>5
<b>Elongation at break</b>	%	ISO 37	> 400
<b>Temperature resistance</b>	°C		-35°C to +200°C
<b>Tear resistance</b>	N/mm	DIN ISO 34-1A	> 4,0
<b>Compression set*</b>	%	ISO 815	< 20
<b>Fire resistance**</b>		FMVSS 302	self extinguished (SE)
<b>Ozon resistance***</b>		ISO 1431-1	ozone resistant
<b>Spec. Volume resistance</b>	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.

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Status from 05.12.2023/ issue 4

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