

## Characteristics and features

- silicone quality (MVQ)
- peroxide cured
- not postcured,
- volatile components /4h/200°C) < 0,1%
- PAH free according AfPS GS 2014: category 1
- short time temperature resistant to +220°C

**A-SU 60-16**

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	Silikon (MVQ)
<b>Colour</b>			reddish brown
<b>Shore hardness</b>	[ShA]	ISO 7619-1 / 3s	60 ± 5
<b>Density</b>	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,17 ± 0,02
<b>Tensile strength</b>	[N/mm <sup>2</sup> ]	ISO 37	> 6
<b>Elongation at break</b>	[%]	ISO 37	> 300
<b>Temperature resistance</b>	[°C]		-45°C to +200°C
<b>Tear strength</b>	[N/mm]	DIN ISO 34-1 A	> 6,0
<b>Compression set *</b>	[%]	ISO 815	< 20
<b>Fire resistance **</b>		FMVSS 302	B (heavily inflammable)
<b>Ozone resistance ***</b>		ISO 1431-1	ozone resistant
<b>Spec. Volume resistance</b>	[Ωcm]	VDE 0303-30	isolating

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

## Resistance



Stand: 25.10.2018 / issue: 3

### 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.