

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

A-SY 50-79

All our products are:

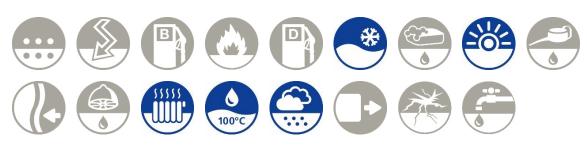
- PAH-free (EU 1272/2013)
- REACH conform
- Nitrosamin free
- RoHS II conform

Technical data sheet

Polymer		DIN ISO 1629	Silikon (MVQ)
Colour			opaque / transparent
Shore hardness	[ShA]	ISO 7619-1 / 3s	50 ± 5
Density	[g/cm ³]	DIN EN ISO 1183 / ISO 2781	1,15 ± 0,02
Tensile strength	[N/mm ²]	ISO 37	> 6,5
Elongation at break	[%]	IS <mark>O 37</mark>	> 350
Temperature resistance	[°C]		-40°C to +200°C
Tear strength	[N/mm]	DIN ISO 34-1 A	> 6,0
Compression set *	[%]	ISO 815	< 20
Fire resistance **		FMVSS 302	SE (self extinguish)
Ozone resistance ***		ISO 1431-1	ozone resistant
Spec. Volume resistance	[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.

Cooper Standard Technical Rubber GmbH Sales department sheeting@cooperstandard.com Telefon: +49 (0) 621/480-280-266 Telefax: +49 (0) 621/480-280-240 www.cooperstandard.com

Fred-Joachim-Schoeps-Str. 55 68535 Edingen-Neckarhausen Germany