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Technical Data Sheet

A-SU 60-79

- Silicone quality (MVQ)
- Peroxide cured
- Not postcured
- High transparency
- Free of PAH according AfPS GS 2014: fulfills cat. 1
- Short time temperature resistant to 220 °C

Technical Data

Polymer	DIN ISO 1629		Silicone (MVQ)
Colour			transparent
Temperature resistance heat		[°C]	+200
Temperature resistance cold		[°C]	-40
Shore hardness A	ISO 7619-1 / 3s		60 ± 5
Density	DIN EN ISO 1183 ISO 2781	[g/cm³]	1.17 ± 0.02
Tensile strength	ISO 37	[N/mm²]	> 7
Elongation at break	ISO 37	[%]	> 300
Tear strength	DIN ISO 34-1 A	[N/mm]	> 6,0
Compression set 24 h / 70 °C	ISO 815	[%]	< 20
Fire resistance tested at 2 mm	FMVSS 302		B (hardly inflammable)
Ozone resistance 50 pphm, 40 °C, 72 h, 20 % elongation	ISO 1431-1		ozone resistant
Special volume resistance	VDE 0303-30	[Ωcm]	isolating

Resistances



heat resistance



cold flexibility



weather/ozone







impact resilience



abrasion resistance



fuel resistance



diesel resistance



drinking water quality



water at 100°



fire resistance



antistatic



plexiglass compatibility



oil resistance



bases resistance



acid resistance



gas permeability



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.

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