

## PRODUCT INFORMATION

# ALPA Gel SC



**Addition-curing, solvent-free RTV two-component silicone gel.**

- Very low viscosity for easy pouring
- Crystal clear
- Excellent UV resistance
- Curing without shrinkage (less than 0,1%)
- Curing may be accelerated by heat
- Excellent mechanical damping properties

ALPA Gel SC is predestined to protect electronic components. The silicone gel protects sensitive components from moisture and through its good mechanical damping properties from shocks and shaking. The silicone gel retains these properties over a wide temperature range.

### TECHNICAL DATA

	A-component Alpa Gel SC	B-component Alpa Gel SC	
Colour	transparent	transparent	
Density	0,98	0,98	g/cm <sup>3</sup> DIN 53 479 1)
Viscosity	600	800	
	<b>Mixture</b>		
Mixing ratio	1 : 1		by weight 1)
Viscosity	700		mPas 1)
Pot life	80		min 1)
Earliest Demould after	1 hour at 100° C 6 – 8 hours at room temperature		1)
Penetration (20° C)	295	mm/10	DIN ISO 2137 (1/1 cone 150 g)
Dielectric strength	23	kV/mm	DIN 53481
Volume resistivity	1.0• 10 <sup>14</sup>	Ω.cm	DIN 53483
Dissipation factor tan δ	0.001		DIN 53483 (1 KHz)
Dielectric constant ε <sub>r</sub>	2,7		DIN 53483 (1 KHz)

<sup>1)</sup> = Measured at standard climate according to DIN 50 014-23/50-2.

Component B contains the platinum catalyst

### **For safety related data please refer to the safety data sheet !**

Please note: All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influences and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This Product information replaces all previous issues.