

ADDY-SIL 326 WATER CLEAR SILICONE POTTING COMPOUND

● PRODUCT DESCRIPTION

ADDY-SIL 326 is a two component, water clear, electronic grade, silicone encapsulant and potting compound. Fast flow, excellent bubble release. It is designed for clear potting, encapsulation of completed circuit boards, hybrid circuits, and power supplies, where flexibility and high temperature resistance are required. Can be used in automotive, telecommunications, transformers, cable end sleeves, capacitors, coils, IGBT, insulators/bushings, transducers, and so on.

● CURING PROPERTIES

Pot Life @ 25°C	30 min
Cure Time @ 25°C	24 hours

● UNCURED PROPERTIES

Base	Silicone
Color	Clear
Mixed Ratio	2:1 (by weight)
Viscosity (mixed)	1000cps
Specific Gravity	1,1

● CURED PROPERTIES

Hardness (Shore A)	25
Refractive Index	1,41
Thermal Conductivity(W/mK)	0,1
Operating Temperature (°C)	-65°C to 200°C
Shrinkage on Cure	<1%
Tg	-64°C
Weight Loss, (1 week at 150°C)	0.25%
Coefficient of Thermal Expansion	55 x 10 ⁻⁴ /°C
Volume Resistivity	
100 V	2.5 x 10 ¹⁵ Ω-cm
500 V	1.9 x 10 ¹⁵ Ω-cm
1000 V	1.4 x 10 ¹⁵ Ω-cm
Volume Resistivity	
120 Hz	4.7/0.0085
1000 Hz	4.8/0.0085
Dielectric Strength (1.6 mm thickness)	25 kV/mm
NASA Outgassing:	0.27 %TML 0.13% CVCM 0.00% WVR

● INSTRUCTION FOR USE

Shelf life: Store in original, unopened containers for 12 months at room temperature.

