



# ADDY-SIL 562 TWO COMPONENT THERMALLY CONDUCTIVE SILICONE POTTING COMPOUND

### PRODUCT DESCRIPTION

ADDY-SIL 562 is a two component, room temperature cure silicone potting and encapsulation compound with an excellent thermal conductivity properties. Its designed for potting, encapsulation by casting of electronic components, junction boxes where flexibility to eliminate the vibration and removeability for reworking of electronic components are necessary. High temperature resistance. Automotive, telecommunications, transformers, cable end sleeves, capacitors, coils, insulators/bushings, transducers, and (re-enterable) telephone cable splicers are some of possible applications.

### • CURING PROPERTIES

Pot Life	2 hours
Full Cure	24 hours

## UNCURED PROPERTIES

Base	Silicone
Color	White
Mixing Ratio	100:25 (by weight) 100:50 (by volume)
Viscosity (mixed)	2500cps
Specific Gravitiy	1,75

# • CURED PROPERTIES

Temperature Resistance ( <sup>0</sup> C)	-65 to +150
	<1%
Hardness Shore A	50
Thermal Contuctivity	1,0 W/mK
Weight Loss, (1 week at 150°C)	0.25%
Volume Resistivity	
100V	2.5 x 10 <sup>15</sup> Ω-cm
500V	1.9 x 10 <sup>15</sup> Ω-cm
1000V	1.4 x 10 <sup>15</sup> Ω-cm
Dielectric Strength (1.6mm thickness)	25 kV/mm
Nasa Outgassing	0.27 %TML 0.13% CVCM 0.00% WVR

## SHELF LIFE

One year in original unopened containers.

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. Adhetron is a brand of Pulsar Chem. Industry and Trade Co. INC.





🖂 adhetron@adhetron.com