

Electrically /Thermally Conductive Silver Epoxy

Silver Conductive Epoxy..... 2-Part epoxy

- 100% solids, Two-component, Silver filled Epoxy
- Suitable for continuous Operating Temperature of 175-200°C
- Intermittent Operating Temperature of 300-400°C
- Soft, Smooth, and Thixotropic Paste
- 1:1 Mixing Ratio
- Forms high strength conductive bonds
- NASA approved

Typical Properties

Parameter	Value/Information	Remarks
Number of Components	2	Part A (epoxy resin and silver powder) Part B (hardener and silver powder) Mix contents of each container (A, and B) thoroughly before mixing the two together
Mixing ratio	1:1	By weight
Cure Schedule	175°C 80°C	45 sec 90 min
Operating Temperature	-55°C to 175-200°C -55°C to 300-400°C	Continuous Intermittent
Pot Life	4 days	It will not dry out or become tacky during a four day pot life
Shelf Life	1 year	Store at room temperature
Volume Resistivity	< 0.0004 ohm-cm	
Thermal Conductivity	1.6 W/m ² K	
Outgassing	0.5%	300°C
Shore D Hardness	75	
Color	Silver	

Specifications are subject to change without notice.
Epoxy Technology.



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