

Epoxyset Epoxiohm EO-97M Electrically Conductive Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, Electrically Conductive

Material Notes:

EPOXIOHM-97M is one part, pure silver filled, high electrical conductivity, epoxy adhesive. It is designed for microelectronics chip bonding application. Information provided by Epoxyset Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Epoxyset-Epoxiohm-EO-97M-Electrically-Conductive-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	3.20 g/cc	0.116 lb/in ³	
Viscosity	10000 - 15000 cP	10000 - 15000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	88	88	ASTM D2240
Shear Strength	23.0 MPa	3340 psi	
Adhesive Bond Strength	8.96 MPa	1300 psi	Lap Shear Strength

Thermal Properties	Metric	English	Comments
CTE, linear	56.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	31.1 $\mu\text{in}/\text{in}\cdot\text{°F}$	
Thermal Conductivity	2.00 W/m-K	13.9 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Glass Transition Temp, Tg	89.0 °C	192 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	≤ 0.000400 ohm-cm	≤ 0.000400 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	@Temperature 175 °C	@Temperature 347 °F	
	120 min	2.00 hour	
	@Temperature 125 °C	@Temperature 257 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China