

Tra-Con Tra-Duct 925M01 Low Ion Snap Cure Silver-Filled Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Filled/Reinforced Thermoset

Material Notes:

TRA-DUCT 925M01 is a low ion snap cure silver-filled epoxy. TRA-DUCT 925M01 develops strong, durable, void free electrically and thermally conducting bonds. The product can be screen printed, stenciled or applied with an automated high speed dot dispenser. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Duct-925M01-Low-Ion-Snap-Cure-Silver-Filled-Epoxy.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	Cured
Viscosity	2500 cP	2500 cP	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	79	79	
Adhesive Bond Strength	10.3 MPa	1500 psi	Lap shear, alum to alum

Thermal Properties	Metric	English	Comments
CTE, linear	31.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	17.2 $\mu\text{in}/\text{in}\cdot\text{°F}$	Below Tg
	120 $\mu\text{m}/\text{m}\cdot\text{°C}$	66.7 $\mu\text{in}/\text{in}\cdot\text{°F}$	Above Tg
Thermal Conductivity	2.00 W/m-K	13.9 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.00040 ohm-cm	0.00040 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	1.00 min	0.0167 hour	
	@Temperature 175 °C	@Temperature 347 °F	
	5.00 min	0.0833 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	15.0 min	0.250 hour	
	@Temperature 120 °C	@Temperature 248 °F	
	90.0 min	1.50 hour	

Processing Properties	@Temperature 80.0 °C Metric	@Temperature 176 °F English	Comments
	720 min	12.0 hour	
	@Temperature 50.0 °C	@Temperature 122 °F	
Pot Life	4320 - 5760 min	4320 - 5760 min	(3-4 days)

Descriptive Properties	Value	Comments
Color	Silver	

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