

## Tra-Con Tra-Duct 2929 Room Temperature Conductive Flexible Silver Epoxy Adhesive

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

### Material Notes:

TRA-DUCT 2929 is recommended for electronic bonding, coating and sealing applications that require high flexibility coupled with excellent electrical and mechanical properties. This two-part epoxy adhesive develops resilient, electrically and thermally conducting bonds and coatings between materials such as metals, ceramics, glass and plastic insulates. TRA-DUCT 2929 cures at room temperature and can be used as a flexible "cold-solder" for heat sensitive components. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Duct-2929-Room-Temperature-Conductive-Flexible-Silver-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Duct-2929-Room-Temperature-Conductive-Flexible-Silver-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	3.67 g/cc	3.67 g/cc	Mixed
Viscosity	23600 cP @Temperature 25.0 °C	23600 cP @Temperature 77.0 °F	Mixed (DV-III cp #52, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Hardness, Shore D	19	19	
Adhesive Bond Strength	1.59 MPa	230 psi	Lap shear, alum to alum, 1 hr @ 100°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	6.75 °C	44.2 °F	Ultimate Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.050 ohm-cm	0.050 ohm-cm	cured 1 hr @ 100°C

Processing Properties	Metric	English	Comments
Cure Time	120 min @Temperature 65.0 °C	2.00 hour @Temperature 149 °F	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	
Pot Life	90 min	90 min	10 grams

Descriptive Properties	Value	Comments
Color	Silver	
Thixotropic Index	2.7	1 rpm/10 rpm
Working Life hours	3	10 grams

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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