

Tra-Con Tra-Duct 926K01 Long Work Life Flexible Silver-Filled Epoxy Adhesive

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

Material Notes:

TRA-DUCT 926K01 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. The long work life makes this product ideal for high speed component attachment. TRA-DUCT 926K01 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-926K01-Long-Work-Life-Flexible-Silver-Filled-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	30198 cP @Temperature 25.0 °C	30198 cP @Temperature 77.0 °F	Mixed (cp #52, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	4 hrs @ 80°C
Adhesive Bond Strength	2.52 MPa	365 psi	Lap shear, alum to alum, 4 hrs @ 80°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	7.50 °C	45.5 °F	Ultimate Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0050 ohm-cm	0.0050 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min @Temperature 100 °C	1.00 hour @Temperature 212 °F	

Descriptive Properties	Value	Comments
Color	Silver	
Thixotropic Index	3	1 rpm/10 rpm

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