

Tra-Con Tra-Bond 724-14C Polyurethane Adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS

Material Notes:

TRA-BOND 724-14C premixed and frozen, polyurethane adhesive is designed for good adhesion, providing strong, resilient bonds to a wide variety of substrates, including aluminum, solder, nylon, mylar and steel. Adhesive strength is maintained even in cryogenic conditions. This resilient adhesive can also be used for tacking wires and as a protective coating. TRA-BOND 724-14C adhesive exhibits good dielectric properties. There are several cure options, including curing at room temperature. It contains a fluorescent trace for inspection purposes. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-724-14C-Polyurethane-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	Mixed
Viscosity	500000 cP	500000 cP	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	
Adhesive Bond Strength	11.7 MPa	1700 psi	Lap shear, alum to alum
Peel Strength	3.51 kN/m	20.0 pli	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+10 ohm-cm	1.00e+10 ohm-cm	
Dielectric Constant	7.0	7.0	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Extrusion Rate	0.250 g/min	0.250 g/min	15 gauge needle @ 80 psi
Cure Time	60.0 min	1.00 hour	
	@Temperature 93.0 °C	@Temperature 199 °F	
	180 min	3.00 hour	
	@Temperature 74.0 °C	@Temperature 165 °F	
	4320 min	72.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	3.00 Month	3.00 Month	

Shelf Life	Metric	English	Comments
Processing Properties	@ Temperature -40.0 °C	@ Temperature -40.0 °F	
Descriptive Properties	Value	Comments	
Color	Amber		
Working Life minutes	30	At 25°C	

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