

Tra-Con Tra-Bond 293-1T General Purpose Instrument Epoxy Adhesive-Thixotropic

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 293-1T general purpose epoxy adhesive is designed to provide strong, semi-rigid bonds to a variety of difficult-to-bond substrates, such as gold, nickel, silver, copper, and brass. This version of the 293 series is more thixotropic. The 293 series adhesives is cured at moderate temperatures, 60°C to 75°C. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-293-1T-General-Purpose-Instrument-Epoxy-Adhesive-Thixotropic.php

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	26.2 MPa	3800 psi	Lap shear, silver to silver
	27.6 MPa	4000 psi	Lap shear, gold to gold
	27.6 MPa	4000 psi	Lap shear, brass to brass
	37.9 MPa	5500 psi	Lap shear, alum to alum

Processing Properties	Metric	English	Comments
Cure Time	45.0 min	0.750 hour	
	@Temperature 120 °C	@Temperature 248 °F	
	90.0 min	1.50 hour	
	@Temperature 95.0 °C	@Temperature 203 °F	
	240 min	4.00 hour	
	@Temperature 75.0 °C	@Temperature 167 °F	
	1440 min	24.0 hour	
	@Temperature 60.0 °C	@Temperature 140 °F	
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Descriptive Properties	Value	Comments
Color	Black	
Working Life hours	8	At 25°C

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