

Tra-Con Tra-Bond 872-7TN1 Flexible Thixotropic Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 872-7TN1 is a flexible thixotropic epoxy. The high viscosity and long worklife make this material easy to handle. Also, the high thermal conductivity makes this product ideal for electronic applications requiring stress relief. TRA-BOND 872-7TN1 is packaged in pre-mixed and frozen syringes. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-872-7TN1-Flexible-Thixotropic-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	247500 cP	247500 cP	After mixing
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	
Adhesive Bond Strength	2.41 MPa	350 psi	Lap shear, alum to alum, @ 25°C

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.800 W/m-K	5.55 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	135 °C	275 °F	
Minimum Service Temperature, Air	-62.0 °C	-79.6 °F	

Processing Properties	Metric	English	Comments
Cure Time	180 min	3.00 hour	
	@Temperature 100 °C	@Temperature 212 °F	
	480 min	8.00 hour	
	@Temperature 75.0 °C	@Temperature 167 °F	
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -40.0 °C	@Temperature -40.0 °F	

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

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