

Tra-Con Tra-Bond 2137 Easy-Flow No-Sag Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 2137 epoxy adhesive is an easy-to-apply, room temperature cure epoxy adhesive system developed for structural bonding applications on vertical or overhead surfaces where its instant development of a no-sag characteristic is critical. This medium exotherming system exhibits excellent flow and wetting characteristics for precisely located dispensing from static mixing cartridges. Fully cured TRA-BOND 2137 may be employed on a wide variety of substrates including glass, most metals, and a variety of plastics and provides excellent resistance to salt solutions, mild acids and alkalis, and many other chemicals including petroleum solvents, lubricating oils and alcohol.

Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-2137-Easy-Flow-No-Sag-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	Reactive Solids Content

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Adhesive Bond Strength	22.8 MPa	3300 psi	Lap shear, alum to alum

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Glass Transition Temp, Tg	58.0 °C	136 °F	Ultimate Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.70e+13 ohm-cm	2.70e+13 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Mix Ratio, parts by weight	100/80	Resin/Hardener

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