

Tra-Con Tra-Bond 526M01 Rigid Thixotropic Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

TRA-BOND 526M01 is two-component, rigid, thixotropic material developed specifically for fiber optic applications. The material is a cream color when mixed and changes to a red amber color when fully cured for ease of use. This high strength material has a high glass transition temperature after the required elevated temperature cure. The material bonds well to most substrates including glass, metals, and plastics.Information provided by Tra-Con Inc.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-526M01-Rigid-Thixotropic-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	20600 cP	20600 cP	Mixed (cp #52, 10 rpm)
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	90	90	1 hr @ 100°C
Adhesive Bond Strength	20.0 MPa	2900 psi	Lap shear, alum to alum, 1 hr @ 100°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	126 °C	259 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	30.0 min	0.500 hour	
	@Temperature 125 °C	@Temperature 257 °F	
	60.0 min	1.00 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Pot Life	480 min	480 min	rv #7 @ 2.5 rpm; 30 grams, minimum

Descriptive Properties	Value	Comments
Color	Amber	Hardener
	Cream	Mixed
	Red Amber	Cured

Descriptive Properties	Value	Comments
Thixotropic Index	4.6	1 rpm/10 rpm

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