

Tra-Con Tra-Bond 526M03 Fast Cure Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 526M03 is a fast cure, high viscosity, two-component epoxy formulation. It develops strong, tough, mechanically stable bonds to a wide variety of fiber optic and optical materials that includes most metals, ceramics, glass and many plastics. TRA-BOND 526M03 has good impact and thermal shock resistance, and yields excellent low stress, pot-and-polish connections which do not piston during cycle tests. It is also resistant to water and weathering, vapors and gases, most petroleum products, and an extended range of organic and inorganic environments. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-526M03-Fast-Cure-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	14500 cP	14500 cP	Mixed (cp #52, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Adhesive Bond Strength	12.4 MPa	1800 psi	Lap shear, alum to alum, 15 min @ 120°C

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	125 °C	257 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	7.00 min	0.117 hour	
	@Temperature 130 °C	@Temperature 266 °F	
Pot Life	15.0 min	0.250 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Pot Life	240 min	240 min	

Descriptive Properties	Value	Comments
Color	Golden	Hardener
	Red Brown	Cured
	Yellow	Resin

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