

Tra-Con Tra-Bond FS279 Blush-Free Non-Sag Structural Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Filled/Reinforced Thermoset

Material Notes:

TRA-BOND FS-279 is a two-part epoxy adhesive specifically formulated to be non-sagging and have improved adhesion to smooth, non-porous substrates such as glass, ceramic, stainless steel, etc. This formulation has structural reinforcements which enhance its overall physical characteristics making it ideal for structural bonding applications. Fully cured TRA-BOND FS-279 provides excellent resistance to salt solutions, mild acids and alkalis and many other chemicals including petroleum solvents, lubricating oils and alcohols. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-FS279-Blush-Free-Non-Sag-Structural-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	Mixed
Viscosity	375000 cP @Temperature 25.0 °C	375000 cP @Temperature 77.0 °F	After mixing

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	

Thermal Properties	Metric	English	Comments
CTE, linear	55.0 $\mu\text{m}/\text{m}\cdot\text{°C}$ @Temperature 20.0 °C	30.6 $\mu\text{in}/\text{in}\cdot\text{°F}$ @Temperature 68.0 °F	
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 120 min @Temperature 65.0 °C	1.00 - 2.00 hour @Temperature 149 °F	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	
Pot Life	60 min	60 min	

Descriptive Properties	Value	Comments
Color	Milky, Translucent	

Mix Ratio, parts by weight Descriptive Properties	100/39 Value	Resin/Hardener Comments
Thixotropic Index	5.8	5 rpm/50 rpm

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China