

Tra-Con Tra-Bond 516H03 Blush-Free Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

TRA-BOND 516H03 is a modified version of F114 yielding a higher viscosity and lower coefficient of thermal expansion. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-516H03-Blush-Free-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	Cured
Viscosity	3000 cP	3000 cP	Mixed (cp #40, 5 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	1 hr @ 65°C
	80	80	24 hrs @ 25°C
Adhesive Bond Strength	26.5 MPa	3850 psi	Lap shear, alum to alum, 1 hr @ 65°C

Thermal Properties	Metric	English	Comments
CTE, linear	42.0 $\mu\text{m/m-}^{\circ}\text{C}$ @Temperature -40.0 - 0.000 $^{\circ}\text{C}$	23.3 $\mu\text{in/in-}^{\circ}\text{F}$ @Temperature -40.0 - 32.0 $^{\circ}\text{F}$	Alpha 1
Glass Transition Temp, Tg	52.0 $^{\circ}\text{C}$	126 $^{\circ}\text{F}$	Ultimate Tg; DSC

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 240 min @Temperature 65.0 $^{\circ}\text{C}$	1.00 - 4.00 hour @Temperature 149 $^{\circ}\text{F}$	
	1440 min @Temperature 25.0 $^{\circ}\text{C}$	24.0 hour @Temperature 77.0 $^{\circ}\text{F}$	

Descriptive Properties	Value	Comments
Color	Light Brown	Mixed

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