

## Tra-Con Tra-Bond 2138 Easy-Flow No-Sag Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

### Material Notes:

TRA-BOND 2138 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 2138 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-2138-Easy-Flow-No-Sag-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-2138-Easy-Flow-No-Sag-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	Reactive Solids Content
Viscosity	33600 cP @Temperature 25.0 °C	33600 cP @Temperature 77.0 °F	Mixed (cp #52, 10 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	24 hrs @ 25°C
	75	75	1 hr @ 65°C
Adhesive Bond Strength	15.5 MPa	2250 psi	Lap shear, alum to alum, 24 hrs @ 25°C
	25.0 MPa	3630 psi	Lap shear, alum to alum, 1 hr @ 65°C

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	45.0 °C	113 °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	

Processing Properties	Metric <sub>in</sub>	English <sub>us</sub>	Comments
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	25 min	25 min	

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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