

## Tra-Con Tra-Bond 7560D Hydrolytically Stable Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

### Material Notes:

TRA-BOND 7560D is an electrically insulating epoxy adhesive. This material has a 10 day work life and a medium viscosity for easy usage. There are also multiple cure options that make this product ideal for all electronic applications. TRA-BOND 7560D has excellent thermal conductivity. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-7560D-Hydrolytically-Stable-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-7560D-Hydrolytically-Stable-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	58000 cP	58000 cP	After mixing
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	87	87	
Adhesive Bond Strength	16.5 MPa	2400 psi	Lap shear, alum to alum, @ 25°C

Thermal Properties	Metric	English	Comments
CTE, linear	77.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	42.8 $\mu\text{in}/\text{in}\cdot\text{°F}$	Below Tg
	300 $\mu\text{m}/\text{m}\cdot\text{°C}$	167 $\mu\text{in}/\text{in}\cdot\text{°F}$	Above Tg
Thermal Conductivity	1.10 W/m-K	7.63 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 121 °C	@Temperature 250 °F	
Glass Transition Temp, Tg	92.0 °C	198 °F	Ultimate Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+15 ohm-cm	1.50e+15 ohm-cm	
Dielectric Constant	4.4	4.4	
Dissipation Factor	0.0050	0.0050	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Chemical Properties	Metric	English	Comments
Ionic Impurities - Na (Sodium)	10 ppm	10 ppm	
Ionic Impurities - K (Potassium)	0.00 ppm	0.00 ppm	

Ionic Impurities - Cl (Chloride) Chemical Properties	80 ppm Metric	80 ppm English	Comments
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Processing Properties	Metric	English	Comments
Cure Time	2.00 min	0.0333 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	10.0 min	0.167 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Descriptive Properties	Value	Comments
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Working Life days	10	
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## Contact Songhan Plastic Technology Co.,Ltd.

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