

Tra-Con Tra-Bond 224-8 Room Temperature Cure Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, Thermally Conductive

Material Notes:

TRA-BOND 224-8 room temperature cure epoxy adhesive is a thermally conductive version of 224-1. This adhesive develops structural strength rapidly. When cured at room temperature, this adhesive provides strong, reliable bonds. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-224-8-Room-Temperature-Cure-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	350000 cP @Temperature 25.0 °C	350000 cP @Temperature 77.0 °F	After mixing

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	95	95	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.730 W/m-K	5.07 BTU-in/hr-ft ² -°F	
Glass Transition Temp, Tg	66.0 °C	151 °F	Ultimate Tg

Processing Properties	Metric	English	Comments
Cure Time	5.00 min @Temperature 95.0 °C	0.0833 hour @Temperature 203 °F	
	15.0 min @Temperature 65.0 °C	0.250 hour @Temperature 149 °F	
	360 min @Temperature 25.0 °C	6.00 hour @Temperature 77.0 °F	
Shelf Life	12.0 Month @Temperature -40.0 °C	12.0 Month @Temperature -40.0 °F	

Descriptive Properties	Value	Comments
Color	Black	
Outgassing, NASA	Passes	
Working Life minutes	20	At 25°C

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