

Tra-Con Tra-Bond Ablebond 862-2 Room Temperature Cure Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

Ablebond 862-2 room temperature curing epoxy adhesive is designed for solder pad encapsulation or sealing the head/disk area in floppy disc assemblies. This resilient compound is suitable for bonding materials with mismatched coefficients 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-Ablebond-862-2-Room-Temperature-Cure-Epoxy-Adhesive.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	
Adhesive Bond Strength	13.8 MPa	2000 psi	Lap shear, alum to alum

Thermal Properties	Metric	English	Comments
CTE, linear	75.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	41.7 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	Below Tg
	200 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	111 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	Above Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+12 ohm-cm	3.00e+12 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 95.0 $^\circ\text{C}$	@Temperature 203 $^\circ\text{F}$	
	120 min	2.00 hour	
	@Temperature 65.0 $^\circ\text{C}$	@Temperature 149 $^\circ\text{F}$	
	4320 min	72.0 hour	
	@Temperature 25.0 $^\circ\text{C}$	@Temperature 77.0 $^\circ\text{F}$	
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -40.0 $^\circ\text{C}$	@Temperature -40.0 $^\circ\text{F}$	

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