

Master Bond Supreme 46HT-2ND2 Two Component, Non-Drip, Toughened, Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Master Bond Polymer Supreme 46HT-2ND2 is a two component, non-drip, epoxy adhesive featuring an attractive balance of superior shear and peel strengths for high performance structural bonding suitable for applications where long term exposure to temperatures from -100°F to +500°F is required. Supreme 46HT-2ND2 bonds well to most metals, ceramics, plastics, and glass. It has excellent electrical insulation properties, even at higher temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-Supreme-46HT-2ND2-Two-Component-Non-Drip-Toughened-Epoxy-Adhesive.php

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	>= 17.2 MPa	>= 2500 psi	Shear, Al/Al
	>= 17.2 MPa	>= 2500 psi	Shear, Al/Al, after 30 days at 400°F
Peel Strength	>= 1.75 kN/m	>= 10.0 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min	2.00 - 4.00 hour	
	@Temperature 121 - 163 °C	@Temperature 250 - 325 °F	
Pot Life	>= 720 min	>= 720 min	1 quart mass
	>= 720 min	>= 720 min	200 gram mass
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Mixing Ratio (A to B)	100/30	
Viscosity	Paste	Part A
	Paste	Part B

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