

Master Bond EP62-1 High Glass Transition Temperature Epoxy System

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

Material Notes:

Master Bond EP62-1 is a two component epoxy system that has an exceptionally long working life at ambient temperatures and cures rapidly at moderately elevated temperatures. The cured epoxy resin exhibits remarkably high thermal stability with a glass transition temperature exceeding 170°C. Also noteworthy is its outstanding chemical resistance to acids, bases, many solvents and other chemicals, even at elevated temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP62-1-High-Glass-Transition-Temperature-Epoxy-System.php

Physical Properties	Metric	English	Comments
Viscosity	8000 - 10000 cP	8000 - 10000 cP	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	120 - 180 min	2.00 - 3.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	240 - 360 min	4.00 - 6.00 hour	At 150°F
	@Temperature 65.6 °C	@Temperature 150 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Clear; "B" Tan	
Mix Ratio By Weight	100/5 or 100/10	
Set-Up Time, minutes	480-600	At Room Temperature

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