

Master Bond EP30 Optically Clear, Low Viscosity Two Component Epoxy

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

Material Notes:

Master Bond Polymer System EP30 is a low viscosity, two component epoxy system for high performance bonding, coating, sealing, potting and encapsulation. It readily cures at room temperature or more rapidly at elevated temperatures, and has a four to one mix ratio by weight.

This adhesive is 100% reactive and does not contain any solvents or diluents.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP30-Optically-Clear-Low-Viscosity-Two-Component-Epoxy.php

Physical Properties	Metric	English	Comments
Viscosity	400 - 500 cP	400 - 500 cP	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 120 min	1.00 - 2.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	1080 - 1440 min	18.0 - 24.0 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Clear; "B" Clear	
Mix Ratio By Weight	100/25	
Set-Up Time, minutes	25-30	At Room Temperature

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