

Master Bond EP37-3 Optically Clear, Impact Resistant Two Component Epoxy

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

Material Notes:

Master Bond Polymer System EP37-3 is a low viscosity, resilient, optically clear two component epoxy resin system designed for high performance bonding, coating and casting applications. As an adhesive, it forms tough high strength bonds that offer excellent impact resistance as well as resistance to thermal cycling. It bonds well to a wide variety of substrates including metals, glass, ceramics, rubber and many plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP37-3-Optically-Clear-Impact-Resistant-Two-Component-Epoxy.php

Physical Properties	Metric	English	Comments
Viscosity	300 - 400 cP	300 - 400 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	-62.2 °C	-80.0 °F	

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

Processing Properties	Metric	English	Comments
Cure Time	240 - 360 min	4.00 - 6.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	7200 - 10100 min	120 - 168 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Clear; "B" Clear	
Mix Ratio By Weight	100/50	
Set-Up Time, minutes	min 360	At Room Temperature

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