

Master Bond EP65HT-1 Fast Curing High Glass Transition Temperature Epoxy System

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

Material Notes:

Master Bond Polymer System EP65HT-1 features the unusual combination of ultra-fast cures and high temperature resistance. While typical fast setting epoxies normally possess glass transition temperatures below 85°C, EP65HT-1 has a Tg of over 125°C. In addition, unlike the typical fast cure epoxies, EP65HT-1 retains fast setup times even when mixed in relatively small masses. EP65HT-1 normally will setup in 3-5 minutes in 10 to 20 gram masses.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP65HT-1-Fast-Curing-High-Glass-Transition-Temperature-Epoxy-System.php

Physical Properties	Metric	English	Comments
Viscosity	60000 - 70000 cP	60000 - 70000 cP	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	18.0 - 30.0 min	0.300 - 0.500 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Clear; "B" Dark Purple	
Mix Ratio By Weight	100/10	
Set-Up Time, minutes	3-5	At Room Temperature

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