

Master Bond EP30MED USP Class VI Certified Two Component Epoxy System

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

Material Notes:

Master Bond EP30Med is a two component, optically clear, low viscosity epoxy resin system for high performance bonding, sealing, coating, and encapsulating. It features excellent physical and electrical insulation properties and meets USP Class VI requirements as well as FDA CFR 175.105 for indirect contact with food. EP30Med produces high strength, rigid bonds which are very resistant to chemicals including water, oils and many organic solvents, as well as cold sterilants, ETO and gamma radiation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP30MED-USP-Class-VI-Certified-Two-Component-Epoxy-System.php

Physical Properties	Metric	English	Comments
Viscosity	1600 - 1800 cP	1600 - 1800 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	

Processing Properties	Metric	English	Comments
Cure Time	120 - 180 min	2.00 - 3.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	1440 - 2880 min	24.0 - 48.0 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	30-40	At Room Temperature

Contact Songhan Plastic Technology Co.,Ltd.

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