

Master Bond EP30DP Abrasion Resistant Cryogenic Epoxy Urethane System

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

Material Notes:

Master Bond Polymer System EP30DP is a versatile, two component, epoxy-urethane elastomeric compound, featuring superior strength, toughness, and abrasion resistance for high performance bonding, sealing, casting and encapsulation. It combines the performance characteristics of epoxy resins such as strength, chemical resistance and adhesive qualities, with those of the polyurethanes including toughness, abrasion resistance and flexibility. In addition EP30DP can be used at cryogenic temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP30DP-Abrasion-Resistant-Cryogenic-Epoxy-Urethane-System.php

Physical Properties	Metric	English	Comments
Viscosity	3000 - 4000 cP	3000 - 4000 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	-269 °C	-453 °F	

Processing Properties	Metric	English	Comments
Cure Time	120 - 180 min	2.00 - 3.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	2880 min	48.0 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Light Amber; "B" Clear	
Mix Ratio By Weight	100/10	
Set-Up Time, minutes	60-90	At Room Temperature

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