

Cytec (Conap) FR-1047 / EA-117 Conapoxy® Resin / Conacure® Hardener

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Encapsulant , Unreinforced

Material Notes:

Epoxy Potting and Encapsulating Systems for Electronic Applications High technology epoxy resin systems for potting and encapsulation, for the defense, aerospace, electronics, computer, automotive and related industries. Cytec (Conap) FR-1047 / EA-117 Conapoxy® Resin / Conacure® Hardener Flame retardant (UL 94V-0), filled, non-abrasive casting system with excellent thermal shock resistance, low exotherm, very good arc resistance, and high heat distortion properties. Mix Ratio, Resin/Hardener (by weight): 100/7 Cure Type: Elevated Temperature

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cytec-Conap-FR-1047-EA-117-Conapoxy-Resin-Conacure-Hardener.php

Physical Properties	Metric	English	Comments
Viscosity	26000 cP	26000 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	88	88	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	155 °C	311 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 2.00e+15 ohm-cm	<= 2.00e+15 ohm-cm	
Dielectric Constant	5.4	5.4	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	15.7 kV/mm	400 kV/in	
Dissipation Factor	0.026	0.026	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Pot Life	480 min	480 min	100 grams
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China