

Cytec (Conap) FR-1610 / EA-039 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-1610 / EA-039 Conapoxy® Resin / Conacure® Hardener A filled, high performance flexible epoxy casting system. Little change in hardness after aging at 155°C. Recommended for potting and encapsulating transformers, coils and similar electrical devices. Mix Ratio, Resin/Hardener (by weight): 100/25 Cure Type: Elevated Temperature

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cytec-Conap-FR-1610-EA-039-Conapoxy-Resin-Conacure-Hardener.php

Physical Properties	Metric	English	Comments
Viscosity	11000 cP @Temperature 25.0 °C	11000 cP @Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	82	82	

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

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 2.10e+14 ohm-cm	<= 2.10e+14 ohm-cm	
Dielectric Constant	3.8 @Frequency 1000 Hz	3.8 @Frequency 1000 Hz	
Dielectric Strength	15.0 kV/mm	380 kV/in	
Dissipation Factor	0.012 @Frequency 1000 Hz	0.012 @Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	120 min @Temperature 140 °C	2.00 hour @Temperature 284 °F	
Pot Life	180 min @Temperature 120 °C	180 min @Temperature 248 °F	100 grams

Processing Properties	^{480 min} Metric	^{480 min} English	Comments
	@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