

Cytec (Conap) RN-1000 / EA-87 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) RN-1000 / EA-87 Conapoxy® Resin / Conacure® Hardener An unfilled, low viscosity casting system recommended for potting and encapsulating resistors, connectors, solenoids, transformers, coils, and other electrical devices. Mix Ratio, Resin/Hardener (by weight): 100/37 Cure Type: Room Temperature

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cytec-Conap-RN-1000-EA-87-Conapoxy-Resin-Conacure-Hardener.php

Physical Properties	Metric	English	Comments
Viscosity	250 cP	250 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	105 °C	221 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 9.00e+15 ohm-cm	<= 9.00e+15 ohm-cm	
Dielectric Constant	5.0	5.0	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	13.8 kV/mm	350 kV/in	
Dissipation Factor	0.040	0.040	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	90.0 min	90.0 min	100 grams
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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