

Cytec (Conap) FR-1272 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-1272 Conapoxy® Resin / Conacure® Hardener Low cost, low viscosity, low exotherm potting and casting system. Mix Ratio, Resin/Hardener (by weight): 100/7 Cure Type: Room Temperature

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cytec-Conap-FR-1272-Conapoxy-Resin-Conacure-Hardener.php

Physical Properties	Metric	English	Comments
Viscosity	10000 cP	10000 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	130 °C	266 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 6.00e+14 ohm-cm	<= 6.00e+14 ohm-cm	
Dielectric Constant	4.8	4.8	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	16.5 kV/mm	420 kV/in	
Dissipation Factor	0.014	0.014	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	180 - 300 min	3.00 - 5.00 hour	
	@Temperature 60.0 °C	@Temperature 140 °F	
Pot Life	1440 - 2880 min	24.0 - 48.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	90.0 min	90.0 min	100 grams

Processing Properties	@Temperature 25.0 °C Metric	@Temperature 77.0 °F English	Comments
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