

Cytec (Conap) FR-1271 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-1271 Conapoxy® Resin / Conacure® Hardener Low cost, low viscosity, low exotherm potting and casting system - convenient mix ratio. Mix Ratio, Resin/Hardener (by weight): 100/100 Cure Type: Room Temperature

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cytec-Conap-FR-1271-Conapoxy-Resin-Conacure-Hardener.php

Physical Properties	Metric	English	Comments
Viscosity	18000 cP	18000 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 2.00e+14 ohm-cm	<= 2.00e+14 ohm-cm	
Dielectric Constant	5.51	5.51	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	15.7 kV/mm	400 kV/in	
Dissipation Factor	0.024	0.024	
	@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	
	1440 - 2880 min	24.0 - 48.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	120 min	120 min	

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