

## Cytec (Conap) RN-1000 / EA-02 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-02 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): 100/11 Cure Type: Room Temperature

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cytec-Conap-RN-1000-EA-02-Conapoxy-Resin-Conacure-Hardener.php](http://www.lookpolymers.com/polymer_Cytec-Conap-RN-1000-EA-02-Conapoxy-Resin-Conacure-Hardener.php)

Physical Properties	Metric	English	Comments
Viscosity	600 cP	600 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	105 °C	221 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 3.00e+14 ohm-cm	<= 3.00e+14 ohm-cm	
Dielectric Constant	3.5	3.5	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	13.8 kV/mm	350 kV/in	
Dissipation Factor	0.0020	0.0020	
	@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	30.0 min	30.0 min	100 grams
	@Temperature 25.0 °C	@Temperature 77.0 °F	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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