

CONAPOXY® RN-1200

Epoxy; Epoxide
Cytec Industries Inc.

Message:
CONAPOXY RN-1200 is an undiluted epoxy potting and casting resin. When cured with any of the hardeners presented below, these systems possess low viscosity, low shrinkage, low exotherm, excellent resistance to thermal shock, good electrical properties, and hardnesses of 75-85 Shore D.

General Information		
Features	Good Electrical Properties	
	Good Thermal Shock Resistance	
	Low Shrinkage	
	Low Viscosity	
Appearance	Amber	
Processing Method	Casting	
	Potting	
Physical	Nominal Value	Unit
Specific Gravity		
-- 1	0.960 to 1.15	g/cm ³
-- 2	1.15 to 1.17	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	84 to 85	
Mechanical	Nominal Value	Unit
Tensile Strength	52.4 to 68.9	MPa
Flexural Strength	55.8 to 103	MPa
Compressive Strength	82.7 to 131	MPa
Thermal	Nominal Value	Unit
Glass Transition Temperature	70.0 to 165	°C
Electrical	Nominal Value	Unit
Dielectric Strength	14 to 15	kV/mm
Dielectric Constant (25°C, 1 kHz)	3.50 to 4.70	
Dissipation Factor (25°C, 1 kHz)	1.0E-3 to 0.035	
Cured Properties	Nominal Value	Unit
Linear Shrinkage	0.80 to 1.2	%
NOTE		

- | | |
|----|--|
| 1. | Hardeners - Multiple Hardeners Available |
| 2. | Resin |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

