

Epoxies, Ect. 20-3001 NC

Epoxy; Epoxide

Epoxies, Etc.

Message:

20-3001 NC is a low viscosity, unfilled epoxy potting and encapsulating system which forms a bubble free glass like finish when cured. This is a 100% solids resin system that does not contain any solvents. Its convenient 1:1 mix ratio and lack of fillers make it an ideal material for meter mix and dispense equipment. 20-3001 NC has been formulated for ease in handling. Its low viscosity aids in filling voids and air pockets. In addition, there is no filler settling with this system. 20-3001 NC is the non-crystallizing version of the original 20-3001 product.

General Information		
Features	Low Viscosity	
Appearance	Black	
Processing Method	Encapsulating	
	Potting	
Thermal	Nominal Value	Unit
CLTE - Flow	5.0E-5	cm/cm/°C
Thermal Conductivity	0.43	W/m/K
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	1000	cP
Additional Information	Nominal Value	Unit
Operating Temperature	-50.0 to 150	°C
Uncured Properties	Nominal Value	Unit
	Black	
Color	Clear/Transparent	
Mix Ratio by Weight (PBW)		
Part A	100	
Part B	83	
Mix Ratio by Volume (PBV)		
Part A	1.0	
Part B	1.0	
Density (25°C)	1.12	g/cm ³
Curing Time (23°C)	12 to 16	hr
Pot Life ¹ (25°C)	20	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	65	
Tensile Strength	39.3	MPa
Electric Strength	22	kV/mm

Relative Permittivity (60 Hz)	4.70	
Volume Resistivity	5.0E+15	ohms·cm
Dissipation Factor	0.034	

NOTE


1.	100 grams
----	-----------

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



WECHAT