

Epoxies, Ect. 20-3064 NC

Epoxy; Epoxide

Epoxies, Etc.

Message:

20-3064 NC is a filled Epoxy Resin System engineered to give the end user the ability to control the hardness of the cured casting. By varying the mix ratio the hardness can be varied from 60 Shore A to 85 Shore D. 20-3064 NC provides excellent thermal shock resistance and outstanding adhesion.

20-3064 NC LV is a low viscosity version of 20-3064 NC.

General Information		
Features	Good Adhesion	
	Good Flexibility	
	Low Viscosity	
	Shock Resistant	
Uses	Adhesives	
Appearance	Black	
Processing Method	Potting	
Thermal	Nominal Value	Unit
CLTE - Flow	7.0E-6	cm/cm/°C
Thermal Conductivity	0.43	W/m/K
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	13500	cP
Additional Information	Nominal Value	Unit
Operating Temperature	-40.0 to 100	°C
Uncured Properties	Nominal Value	Unit
Color	Black	
Mix Ratio by Weight (PBW)		
Part A	100	
Part B	100	
Density (25°C)	1.40	g/cm³
Viscosity ¹ (25°C)	30	Pa·s
Curing Time		
100°C	0.33	hr
65°C	2.0	hr
25°C	16 to 24	hr
Pot Life ² (25°C)	120	min
Cured Properties	Nominal Value	Unit
Shore Hardness		
Shore A	> 60	
Shore D	< 80	
Tensile Strength	37.9	MPa

Electric Strength	16	kV/mm
Relative Permittivity (60 Hz)	3.30	
Dissipation Factor (60 Hz)	0.030	

NOTE		
1.	Part A	
2.	100 grams	

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