



20-3064 NC FLEXIBLE EPOXY POTTING COMPOUND & ADHESIVE

DESCRIPTION:

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.

TYPICAL SPECIFICATIONS:

Color	Black
Viscosity, 25°C, cps	
20-3064RNC Epoxy	29,500
Mixed with Catalyst #6 (1:1 Ratio)	13,500
20-3064RNCLV Epoxy	17,000
Mixed with Catalyst #6 (1:1 Ratio)	9,800
Specific gravity, 25°C	1.4
Hardness, Shore	60 Shore A to 80 Shore D
Tensile strength, psi	5,500
Operating temperature, °C	-40 to +100
Thermal conductivity, W/m- °K	0.43
Thermal expansion coefficient, per °C	70x10 ⁻⁶
Dielectric strength, volts/mil	400
Dielectric constant, @ 60 Hz	3.3
Dissipation factor, @ 60 Hz	.03
Working Time, 25°C, 100 grams mass	2 hours

20-3064 NC with Catalyst #6 offers adjustable mix ratio in order to obtain a rigid, semi-rigid, or flexible casting.

RESIN : CATALYST (By Weight)

1. Rigid Formulation	100 Parts	50 Parts
2. Semi-Rigid Formulation	100 Parts	100 Parts
3. Flexible Formulation	100 Parts	150 Parts

NOTE: For the majority of applications formulation #2 is used.



INSTRUCTIONS FOR USE:

1. Some separation of components is common during shipping or storage. Therefore, it is recommended that 20-3064 NC be thoroughly mixed prior to use.
2. By weight, thoroughly mix 20-3064 NC and Catalyst #6 accordingly to one of the ratio schedules.
3. Pour and cure according to one of the following schedules:

25°C	16-24 Hours
65°C	2 Hours
100°C	20 Minutes

IMPORTANT:

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