

# 20-3063 POTTING COMPOUND

## DESCRIPTION:

20-3063 is an electronic grade potting and encapsulating compound. This epoxy system is designed for applications requiring an easy and affordable potting process. 20-3063 has an easy to use one to one mix ratio by weight or volume. The resin is pigmented black and the catalyst white for a visual indication that the products have been properly mixed together.

For less filler settling and a slightly higher viscosity use Catalyst 20-3063C HV.

## FEATURES:

- Low Viscosity
- Low Cost
- Easy Non-Critical 1:1 Mix Ratio
- Room Temperature Cure
- Electrically Insulating
- Color change for mixing accuracy

## TYPICAL SPECIFICATIONS:

	<u>20-3063R Epoxy 20-3063C Curing Agent</u>	<u>20-3063R Epoxy 20-3063C HV Curing Agent</u>
Mix Ratio, By Volume or Weight	1:1	1:1
Color		
Resin	Black	Black
Catalyst	White	White
Viscosity, 25°C, cps		
Resin	5,500	5,500
Catalyst	10,000	52,000
Mixed Viscosity, 25°C, cps	6,700	10,000
Specific Gravity, 25°C, cps		
Resin	1.54	1.54
Catalyst	1.53	1.53
Pot Life, 100 Gram Mass, 25°C	45 Minutes	45 Minutes
Hardness, Shore D	75 - 80	75 - 80
Temperature Range of Use, °C	-40 to 130	-40 to 130
Dielectric Strength, Volts/mil	450	450
Dielectric Constant, 1mHz	4.4	4.4



### **INSTRUCTIONS FOR USE:**

Some settling of fillers is common during transportation and storage. Remix individual components before using.

By weight or volume mix equal parts 20-3063 Resin and Catalyst. Mix thoroughly being careful not to introduce excessive air into the mixture.

Pour and allow material to cure according to one of the following schedules:

24 hours at 25°C/77°F

1 hour at 65°C/150°F

15 minutes at 100°C/212°F

### **IMPORTANT:**

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