EPOXIES
INNOVATIVE BONDING SOLUTIONS ETC.

TECHNICAL BULLETIN

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.

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:

	20-3063R Epoxy 20-3063C Curing Agent	20-3063R Epoxy 20-3063C HV Curing Agent
Viscosity, 25°C, cps		
Resin	5,500	5,500
Catalyst	10,000	52,000
Mixed	6,700	10,000
Mix Ratio, (Epoxy:Curing Agent)		
By Volume or Weight	1:1	1:1
Color		
Resin	Black	Black
Catalyst	White	White
Hardness, Shore D	75 to 80	75 to 80
Operating Temperature range, °C	-40 to +130	-40 to +130
Pot Life, 100 grams, 25°C	45 minutes	45 minutes
Specific Gravity, 25°C, cps		
Resin	1.54	1.54
Catalyst	1.53	1.53
Dielectric Strength, Volts/mil	450	450
Dielectric Constant, 1mHz	4.4	4.4

epoxies.com
21 Starline Way
Cranston, RI 02921 USA
t 401.946.5564
f 401.946.5526

EPOXIES
INNOVATIVE BONDING SOLUTIONS ETC.

TECHNICAL BULLETIN

INSTRUCTIONS FOR USE:

1. Some settling of fillers is common during transportation and storage. Remix individual components before using.
2. By weight or volume mix equal parts 20-3063 Resin and Catalyst. Mix thoroughly being careful not to introduce excessive air into the mixture.
3. Pour and allow material to cure according to one of the following schedules:
   a) 25°C 24 hours
   b) 65°C 1 hour
   c) 100°C 15 minutes

STORAGE, HANDLING & SAFETY:

Store both components at 25 °C in original containers. The expected shelf life is 12 months in original containers.

Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

20-3063 is available in quart, gallon, and 5-gallon containers.

IMPORTANT:

06/2025

epoxies.com
21 Starline Way
Cranston, RI 02921 USA
t 401.946.5564
f 401.946.5526