

20-3006

FLEXIBLE EPOXY POTTING & ENCAPSULATING COMPOUND

DESCRIPTION:

20-3006 is a unique two component, electronic grade, flexible epoxy potting compound. This system was engineered to provide electrical insulation, chemical protection, and thermal shock resistance. The flexibility of 20-3006 provides low stress on surface mount and other delicate electronic components. This encapsulating and potting compound has an easy one-to-one mix ratio and is D.O.T. non-hazardous.

FEATURES:

- Flexibility provides low stress on components
- Chemical resistance
- Excellent electrical insulation
- Convenient one-to-one mix ratio
- D.O.T. Non-Hazardous

TYPICAL SPECIFICATIONS:

Viscosity, 25°C, cps	
Resin	19,000
Catalyst	25,000
Mix Ratio, (Resin:Catalyst)	
By Weight	1:1
By Volume	1:1
Color	Black
Hardness	
Shore D	30
Shore A	75
Operating Temperature Range, °C	-50 to +140
Glass Transition Temperature, °C	37
Pot Life, 100 grams, 25°C	2 Hours
Specific gravity, 25°C	
Resin	1.45
Catalyst	1.44
Elongation, %	10
Lap Shear, psi	3,500
Thermal Conductivity, W/m-K	0.43
Dielectric constant, 100Hz, 25°C	3.53
Dissipation factor, 100Hz, 25°C	0.005
Volume resistivity, 25°C, ohm-cm	3.33×10^{15}

**INSTRUCTIONS FOR USE:**

1. Thoroughly mix components separately to insure uniform dispersion of fillers.
2. By weight or volume, mix equal parts resin and catalyst.
3. Pour and cure according to one of the following cure schedules:
 - a) 25°C 24 hours
 - b) 60°C 2-3 hours
 - c) 100°C 10-20 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:

20-3006 is available in quarts, gallons, and 5-gallon pails. It is also available in the convenient TriggerBond® dual barrel cartridge system.

IMPORTANT:

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06/2025