

# 20-3003

## EPOXY POTTING AND ADHESIVE SYSTEM

### DESCRIPTION:

20-3003 is a low viscosity, potting, encapsulating, and adhesive system. Its low viscosity allows for good flow and wetting of substrates.

20-3003 has a convenient 2:1 (Resin:Catalyst) mix ratio by weight or volume. It will cure at room temperature or with mild heat. Ideal for meter mix and dispense equipment.

### FEATURES:

- Excellent chemical & corrosion resistance
- Excellent water resistance
- Excellent adhesion to metals & plastics

### TYPICAL SPECIFICATIONS:

Color	
Resin	Black
Curing Agent	White
Mixed	Grey
Viscosity, 25°C, cps	
Resin	12,500
Curing Agent	30,000
Mixed	24,500
Specific Gravity, 25°C	1.02
Mix ratio by weight or volume (Resin:Catalyst)	100:50
Gel time, 100 gram mass, 25°C, hrs.	2.5
Heat deflection temperature, °C	96
Tensile strength, psi	8,500
Tensile elongation, %	4.5
Tensile flexural strength, psi	14,000
Tensile compression strength, psi	12,000
Izod impact, ft-lb/inch notch	0.51
Hardness, shore D	84
Water absorption, % 24 hrs	0.18
Dielectric constant	3.61
Dissipation factor	0.021
Volume Resistivity, OHM-CM	1.1 x 10 <sup>15</sup>



## **AVAILABILITY & STORAGE:**

Store in a dry, cool area in original unopened containers. Product will absorb moisture and carbon dioxide which may affect viscosity or create foaming.

Available in quarts, gallons, 5 gallon pails and 55 gallon drums. It also is available in 50ml, 200ml, & 400ml dual barrel cartridges.

## **IMPORTANT:**

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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