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121-10 A/B-187

BLACK EPOXY POTTING COMPOUND

DESCRIPTION: 121-10 A/B-187 is a black, two component epoxy potting and encapsulating compound. Product rapidly releases air prior to curing resulting in a smooth, pinhole free surface.

	<u>Part A</u>	<u>Part B-187</u>	<u>Mixture</u>
Appearance:	Black	Amber	Black
Viscosity:	7000 cps	6000 cps	6800 cps
Mix Ratio (By Weight):	100	5	----
Pot Life:	----	----	4 hrs

MIXING INSTRUCTIONS: Premix Part A in original container prior to adding curing agent. Add Part B and mix until uniform. **NOTE:** It is not unusual for crystallization of the Part B to occur. Warm to 40-45°C in a water bath to return the material to it's original viscosity. The crystallization of the catalyst does not effect the performance of the product in any way. To prevent recrystallization, store the Part B at temperatures between 35-45°C.

CURING INSTRUCTIONS:

Full Cure: 30 min @ 80°C

TYPICAL CURED PROPERTIES:

Hardness (Shore D)	> 85
Heat Dist. Temperature (°C)	> 125
Water Absorption (%)	< 0.09
Dielectric Strength (volts/mil)	475
Fungus Resistance	Non-nutrient
Volume Resistivity (ohm-cm)	1 x 10 ¹⁶
Power Factor (60 Hz)	0.018
Dielectric Constant (60Hz)	4.1

SAFETY & HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to results or possible infringements on patents.

REVISION DATE: 3/10/14 REVISION: B