123-10
BLUE, PAD-PRINTABLE, EPOXY CONFORMAL COATING

DESCRIPTION: 123-10 is a blue, one component, epoxy conformal coating. This product is designed specifically for pad printing and spray coating applications. Depending on desired film thickness, multiple coats may be necessary. 123-10 features excellent electrical insulation properties as well as long pot life at room temperature. 123-10 is a blue pad-printable version of 115-20(i).

MIXING INSTRUCTIONS: Premix in original container prior to using to resuspend any fillers, which may have settled during storage. Further thinning and cleaning can be accomplished using CMI#113-39 thinner.

UNCURED PROPERTIES:

- Viscosity (cps): 10,000 - 20,000
- Color: Blue
- Shelf Life: 6 mos. @ -10°C
- Shelf Life: 2 mos. @ 25°C

CURING INSTRUCTIONS:

- Cure: 1 hr. @ 125°C
- Post Cure: 2-4 hrs. @ 150°C

TYPICAL CURED PROPERTIES:

- Specific Gravity: 1.25
- Coef. of Therm. Exp.(in/in/°C x 10⁻⁶): 27
- Therm. Cond. (cal/sec/cm²/°C/cm): 0.0025
- Cure Shrinkage (%): 0.189
- Heat Distortion Temp. (°C): 105
- Tensile Strength (psi): 9600
- Water Absorption (%): < 0.22
- Dielectric Strength (volts/mil): 450
- Volume Resistivity (Ω-cm): 1 x 10¹⁵
- Power Factor (60 HZ): 0.03
- Dielectric Constant: 4.3 @ 60 HZ