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128-50LPE

FLEXIBLE PHOSPHOR INK

DESCRIPTION: 128-50LPE is a screen-printable, flexible electroluminescent ink, coating, and via fill. This product features excellent adhesion to Kapton, Mylar, ITO, glass and a variety of other surfaces. Unlike conventional materials, this product is highly resistant to flexing and creasing.

TYPICAL CURED PROPERTIES:

Consistency	Smooth Paste
Color	Green
Peak Emission	550 nm
Relative Intensity	140%
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to +200
Thermal Stability (°C)	Good to 325

SUGGESTED HANDLING & CURING: 128-50LPE is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI 112-19 thinner. Prior to using, be certain to resuspend filler. Best properties, for most applications, result when cured for 10 minutes at 125°C. Good properties are obtained on a variety of substrates by dry and curing at temperatures ranging from 50°C to 200°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf Life: 12 months at - 10°C.

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 suitability in a particular application or possible infringements on patents.

REVISION DATE: 01/08/21 REVISION: A