BT-101

Polymer Thick Film

Description

BT-101 is a barium titanate dielectric used as a capacitance layer between phosphor and back electrodes on EL lamps.

Key Features

- Provides excellent electrical insulation while maintaining a high dielectric constant to optimize the performance of EL lamps
- Suitable for screen print applications, and is designed to provide an optimal balance between long open time on screens and fast drying in conventional ovens
- Offers outstanding moisture resistance when dried completely
- Compatible with PrIElex conductive materials for EL electrodes

Typical Properties	
Viscosity	10-12 kcps SC4-14 Spindle @ SR 20
Solids	65-69%
Metal	N/A
Color	White
	<10 µ

Recommended Processing Guide	
Printing Parameters	Monofilament polyester (157 to 230 mesh) or stainless steel (165-325 mesh) is recommended
Recommended Thinner	Solvent 20

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Warranty

6 months

Storage

Store at ambient conditions away from direct light. Material should be thoroughly mixed or rolled on a jar roller at a slow speed for 1 hour prior to use

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