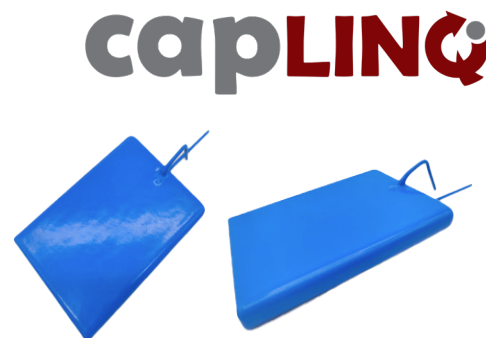


LINQSOL BCP-1504

Busbar Coating Powder

- Blue - Red
- Quick thickness build
- RTI Class B



LINQSOL BCP-1504 is a blue or red, busbar epoxy coating powder. It applies at low voltage copper and alumina busbars (600V) with a coating thickness of 0.3~1mm. With its low pick up temperature, BCP-1504 builds up quickly at small busbars and performs excellent coating results. It brings high productivity with low pre-heat temperature and quick curing. Due to its fine-grind process, it can be used with both electrostatic spray and fluidized bed dipping.

Recommended coating Temperature: 150 – 180 °C. (200 °C x 15 min)

Powder properties

Property	Value	Unit	Methods
Color	Red/Blue	-	-
Gel Time@160°C	45±15	°C	Hot plate
Glass plate flow @150°C	10 - 22	mm	Hot plate
Melting Temperature	58 - 65	°C	-
Specific gravity	1.52	g/cc	-

Cured properties

Property	Value	Unit	Methods
Glass Transition temperature	100 ±8	°C	DSC
Hardness Shore D	>90	-	ASTM D-2240
CTE	<5 X 10-5	ppm/°C	RT-Tg
Adhesion strength	>28	MPa	Fe-Fe
Impact resistance	>50	cm	ASTM D2794
Flexural Strength @ 25°C	>110	MPa	-
Flexural Moduls @ 25°C	>6000	MPa	-
Breakdown Voltage	>35	kV/mm	ASTM D-149
Dielectric constant @25°C/1kHz	< 4.5	-	ASTM D150-2011
Volume resistivity	>10 ¹⁵	Ωcm	ASTM D-257
Edge Coverage	>45	%	-
Flammability	V0	-	UL94

Storage and Handling

Store in a ventilated, dry, and clean environment below 25°C. Keep away from fire and heat sources. It is strictly forbidden to store in outdoor environments. At proper storage conditions, the product has a shelf life of 6 months.

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