

LINQSOL BCP-1507



Medium Voltage Busbar Coating Powder

- Multiple Colors
- All around usage
- 105°C RTI Rating

LINQSOL BCP-1507 builds up quickly and performs excellent coating results. With a wide coating thickness range of 0.1 ~ 2.0 mm, it could be used for both low (600V) and medium-voltage (38kV) busbar applications. It is especially suitable for EV busbars and small busbars applications.

BCP-1507 meets the UL 746B Relative Thermal Index (RTI) of 105°C and CTI 600V. For large busbar applications, we recommend BCP-1509. Recommended coating Temperature: 180 – 230 °C. (200 °C x 30 min)
Application method: Electrostatic spray: min 0.1-0.2mm Fluidized bed: 0.3mm - 2mm

Specifications

Property	Value	Unit
Physical Form	Powder	-
Gel Time @ 180°C	60	seconds
Glass Plate Flow @ 180°C	20	mm
Specific Gravity	1.55	g/cc
Particle Size >320 , >80	10 , 100	%
Dielectric Breakdown Voltage	>35	kV / mm
Impact Resistance (ASTM D2794)	>50	cm
Moisture Absorption (2 hr boil)	<1.5	%
CTI Tracking	600	-
Heat Resistance Rating	B	Class
Volume Resistivity (ASTM D-257)	>10 ¹³	Ωcm
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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