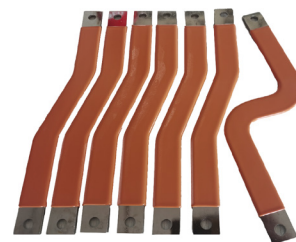


LINQSOL BCP-1507

Busbar Coating Powder

- Multiple Colors
- All around usage
- RTI Class B

capLINQ



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 130°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

Powder properties

Property	Value	Unit	Methods
Color	Orange	-	-
Gel Time@180°C	60	°C	Hot plate
Glass plate flow @180°C	20	mm	Hot plate
Specific gravity	1.5	g/cc	-
Particle size			
>320	10	%	
>80	100		

Cured properties

Property	Value	Unit	Methods
Impact resistance	>50	cm	ASTM D2794
Water absorption	< 1.5	%	2hr Boil
CTI Tracking	600	-	-
Breakdown Voltage	>35	kV/mm	ASTM D-149
Heat resistance rating	B	Class	
Volume resistivity	>10 ¹³	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.

Europe

Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

Canada

80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



United States

847 Sumpter Road #5155
Detroit, MI 48111
United states
+1 (313) 558-8243
Email: info@caplinq.com

Asia

Minle Garden, Baoan dst
Shenzhen City - 51831
China
Phone: +861368608 1428
Email: info@caplinq.com