

LINQSOL BCP-1134



Medium Voltage Busbar Coating Powder

- Thermoplastic
- Optimized for Electrostatic Spray
- Designed for EV and panel busbars

Linqsol BCP-1134 is a thermoplastic coating powder capable of achieving a breakdown voltage of up to 82 kV/mm. It is a semi-crystalline powder that exhibits **excellent spray characteristics**, and due to its good melt flow and low density is **ideal for electrostatic spray** and can also be used for dip coating applications.

A distinctive feature of Linqsol BCP-1134 is that it has a virtually infinite shelf life when stored at room temperature since cross-linking is not necessary for coating. It is very easy to apply, environmentally friendly, and great for applications where low coefficient of friction and good abrasion resistance are required.

Specifications

| Property | Value | Unit |
|------------------------------|--------|--------------------|
| Physical Form | Powder | - |
| Density | 1.03 | g/cm ³ |
| Coverage @ 300 microns | 3.24 | m ² /kg |
| Hardness | 77 | Shore D |
| Dielectric Breakdown Voltage | 85 | kV/mm |
| Flammability Rating | V2 | UL 94 |
| Moisture Absorption | 0.5% | 23°C @ 50% RH |
| Melting Point | 190 | °C |
| Softening Point | 168 | °C |

Additional Information

Linqsol BCP 1134 contains no phthalate plasticisers, no isocyanates, no halogen or halogenated fire retardants, no heavy metals eg. lead, chromium or cadmium, no volatile organic compounds and no triglycidyl isocyanurate or any cross linking agents. It is recyclable, environmentally friendly and REACH, RoHS, ELV and WEEE compliant.

Storage and Handling

Store in a ventilated, dry, and clean environment at ambient temperature.. Keep away from fire and heat sources. It is strictly forbidden to store in outdoor environments. At proper storage conditions, the product has an infinite shelf life.

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