

LINQSOL BCP-1034



Medium Voltage Busbar Coating Powder

- Thermoplastic
- Optimized for Fluidized Bed
- Designed for electric busbars, fuel pipes, tubes, fittings

Linqsol BCP-1034 is a thermoplastic coating powder capable of achieving a breakdown voltage of up to **80 kV/mm**. It is a semi-crystalline powder that exhibits **excellent fluidized bed characteristics**, and due to its fluidization and low density is **ideal for dip-coating applications**.

A distinctive feature of **Linqsol BCP-1034** 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
Bulk Density of powder	0.52	g/m ³
Coverage @ 100 microns	9.52	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	177	°C

Additional Information

Linqsol BCP 1034 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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