

Electro-Rite® BD040 Aqueous Dispersant

Dispersant

Electro-Rite® BD040 is a wetting and dispersing aid for use in lithium-ion battery aqueous binder formulations. The primary function is to aid in the wetting and dispersing of graphite, carbon, carbon nanotubes, Si and SiO particles used in anode formulations. The polymer is easily incorporated into aqueous slurries providing much improved dispersion qualities.

FEATURES AND BENEFITS

- Dispersant Efficiency
- Electrochemical Properties
- High Pigment Loading
- Stability
- Water Based

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale yellow to amber liquid
Charge	Anionic
Freezing Point (°C)	0 (based on solvent)
Solids (wt %)	40

APPLICATIONS

- Batteries & Displays

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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