

LFP Low-Impedance

Catlog Number: BME-0035

• Description

Tailored for LFP cells to reduce internal resistance and improve low-temperature discharge capacity through a flexible DTD-derived SEI.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.1 M

Solvent Ratio (Vol%): EC:EMC=3:7

Additive 1: DTD (1%)

Additive 2: VC (1%)

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 40 ppm

Density (25°C): 1.20-1.30 g/cm³

Conductivity (25°C): 9.0-11.0 mS/cm

Viscosity (25°C): 3.0-4.5 mPa·s

Chloride (Cl⁻): ≤ 1 ppm

Sulfate (SO₄²⁻): ≤ 5 ppm

Iron (Fe) Content: ≤ 1 ppm

Sodium (Na) Content: ≤ 2 ppm

Potassium (K) Content: ≤ 2 ppm

Operating Voltage: 0.0 - 3.8 V

Operating Temp: -25 to 60°C

Flash Point: 28-38°C

Solid Content: 13-15 wt%

Refractive Index: 1.35-1.43

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 20

Packaging: SS Cylinder

• Storage

< 5°C, Ar

 For Research or Industrial Raw Materials, Not For Personal Medical Use!