

Low-Viscosity Ester Hybrid

Catlog Number: BME-0049

• Description

Incorporates Methyl Acetate (MA) to significantly lower viscosity and enhance ion transport for extreme high-power applications.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.0 M

Solvent Ratio (Vol%): EC:EMC:MA=2:6:2

Additive 1: VC (1%)

Additive 2: LiPO₂F₂ (0.5%)

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 40 ppm

Density (25°C): 1.15-1.25 g/cm³

Conductivity (25°C): 11-14 mS/cm

Viscosity (25°C): 2.0-3.5 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 - 4.2 V

Operating Temp: -30 to 50°C

Flash Point: 15-25°C

Solid Content: 11-14 wt%

Refractive Index: 1.34-1.42

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 20

Packaging: SS Cylinder

• Storage

< 5°C, Ar

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