

Anti-Static Safety Liquid

Catlog Number: BME-0050

• Description

Specialized electrolyte with anti-static (AS) additives to ensure safety during high-speed industrial electrolyte filling and injection processes.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.1 M

Solvent Ratio (Vol%): EC:DMC:EMC=3:3:4

Additive 1: AS (0.1%)

Additive 2: VC (2%)

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 50 ppm

Density (25°C): 1.21-1.31 g/cm³

Conductivity (25°C): 9.0-11.0 mS/cm

Viscosity (25°C): 3.5-5.0 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 - 4.3 V

Operating Temp: -15 to 55°C

Flash Point: 28-38°C

Solid Content: 13-16 wt%

Refractive Index: 1.36-1.44

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 30

Packaging: SS Cylinder

• Storage

< 5°C, Ar

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