

Low-Gas LTO Electrolyte

Catlog Number: BME-0055

• Description

Specifically engineered with Propane Sultone (PS) to inhibit the interface gassing typically associated with Lithium Titanate (LTO) anodes.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.0 M

Solvent Ratio (Vol%): PC:DMC:EMC=1:1:1

Additive 1: PS (3%)

Additive 2: ADN (1%)

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): 8.0-10.0 mS/cm

Viscosity (25°C): 4.0-5.5 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: 1.0 - 2.8 V

Operating Temp: -20 to 65°C

Flash Point: 35-45°C

Solid Content: 12-14 wt%

Refractive Index: 1.37-1.45

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 30

Packaging: SS Cylinder

• Storage

< 5°C, Ar

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