

High-Voltage Sulfone Liquid

Catlog Number: BME-0032

• Description

Sulfolane (TMS) based electrolyte offering exceptional oxidative stability and high flash point for high-temperature lithium-ion applications.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.0 M

Solvent Ratio (Vol%): TMS:EMC=1:1

Additive 1: FEC (3%)

Additive 2: N/A

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 40 ppm

Density (25°C): 1.30-1.40 g/cm³

Conductivity (25°C): 4.0-6.0 mS/cm

Viscosity (25°C): 8.0-15 mPa·s

Chloride (Cl⁻): ≤ 2 ppm

Sulfate (SO₄²⁻): ≤ 5 ppm

Iron (Fe) Content: ≤ 1 ppm

Sodium (Na) Content: ≤ 5 ppm

Potassium (K) Content: ≤ 5 ppm

Operating Voltage: 0.0 - 5.0 V

Operating Temp: 10 to 80°C

Flash Point: > 100°C

Solid Content: 15-18 wt%

Refractive Index: 1.41-1.49

Turbidity: ≤ 8 NTU

Color (APHA): ≤ 50

Packaging: SS Cylinder

• Storage

< 5°C, Ar

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