

Silicon-Anode (Max-FEC)

Catlog Number: BME-0038

• Description

Ultra-high FEC content designed for pure silicon or high-silicon content anodes to provide continuous repair of the SEI during expansion.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.0 M

Solvent Ratio (Vol%): FEC:DEC=1:1

Additive 1: VC (1%)

Additive 2: N/A

Appearance: Colorless Liquid

Water Content (KF): ≤ 15 ppm

Free Acid (as HF): ≤ 30 ppm

Density (25°C): 1.35-1.45 g/cm³

Conductivity (25°C): 6.0-8.0 mS/cm

Viscosity (25°C): 6.0-9.0 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: 0 to 50°C

Flash Point: 35-45°C

Solid Content: 16-19 wt%

Refractive Index: 1.39-1.47

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 40

Packaging: SS Cylinder

• Storage

< 5°C, Ar

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