

NMC622 Cycle-Lifter

Catlog Number: BME-0037

• Description

Features Lithium Difluorophosphate (LiPO₂F₂) to enhance the stability of the cathode interface in NMC622 systems, extending cycle life.

• Basic Information

Main Salt: LiPF₆

Salt Concentration: 1.1 M

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

Additive 1: PS (2%)

Additive 2: LiPO₂F₂ (1%)

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 30 ppm

Density (25°C): 1.22-1.32 g/cm³

Conductivity (25°C): 8.5-10.5 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: -20 to 60°C

Flash Point: 25-35°C

Solid Content: 14-16 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!