

## NMC811 High-Stability

Catlog Number: BME-0029

### • Description

High-salt concentration formula with DTD and FEC to protect the oxygen-unstable surface of nickel-rich cathodes like NMC811.

### • Basic Information

Main Salt: LiPF<sub>6</sub>

Salt Concentration: 1.2 M

Solvent Ratio (Vol%): EC:EMC:DEC=2:6:2

Additive 1: FEC (3%)

Additive 2: DTD (1%)

Appearance: Colorless Liquid

Water Content (KF): ≤ 20 ppm

Free Acid (as HF): ≤ 30 ppm

Density (25°C): 1.24-1.34 g/cm<sup>3</sup>

Conductivity (25°C): 8.0-10.0 mS/cm

Viscosity (25°C): 4.0-5.5 mPa·s

Chloride (Cl<sup>-</sup>): ≤ 1 ppm

Sulfate (SO<sub>4</sub><sup>2-</sup>): ≤ 5 ppm

Iron (Fe) Content: ≤ 1 ppm

Sodium (Na) Content: ≤ 2 ppm

Potassium (K) Content: ≤ 2 ppm

Operating Voltage: 0.0 - 4.4 V

Operating Temp: -15 to 60°C

Flash Point: 28-38°C

Solid Content: 14-17 wt%

Refractive Index: 1.37-1.47

Turbidity: ≤ 5 NTU

Color (APHA): ≤ 30

Packaging: SS Cylinder

### • Storage

< 5°C, Ar

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