

## Concentrated NaFSI SIB

Catlog Number: BME-0044

### • Description

High-concentration NaFSI system designed to suppress aluminum corrosion and solve dissolution issues in layered oxide sodium cathodes.

### • Basic Information

Main Salt: NaFSI

Salt Concentration: 3.0 M

Solvent Ratio (Vol%): DMC

Additive 1: FEC (2%)

Additive 2: N/A

Appearance: Pale Yellow

Water Content (KF):  $\leq 30$  ppm

Free Acid (as HF):  $\leq 50$  ppm

Density (25°C): 1.40-1.50 g/cm<sup>3</sup>

Conductivity (25°C): 5.0-7.0 mS/cm

Viscosity (25°C): 10-20 mPa·s

Chloride (Cl<sup>-</sup>):  $\leq 2$  ppm

Sulfate (SO<sub>4</sub><sup>2-</sup>):  $\leq 10$  ppm

Iron (Fe) Content:  $\leq 2$  ppm

Sodium (Na) Content: Main Salt

Potassium (K) Content:  $\leq 5$  ppm

Operating Voltage: 0.0 - 4.5 V

Operating Temp: -10 to 60°C

Flash Point: 15-25°C

Solid Content: 40-50 wt%

Refractive Index: 1.42-1.52

Turbidity:  $\leq 15$  NTU

Color (APHA):  $\leq 100$

Packaging: SS Cylinder

### • Storage

$< 5^{\circ}\text{C}$ , Ar

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