

## Pentafluoro(phenoxy)cyclotriphosphazene

Catlog Number: BMBSA-0030

### • Description

A sophisticated cyclic phosphazene additive providing exceptional flame retardancy and high-voltage oxidation resistance for lithium-ion systems.

### • Basic Information

Physical Form: Colorless Liquid

Purity (%):  $\geq 99.5$

Moisture Content (ppm):  $\leq 50$

Density (g/cm<sup>3</sup>): 1.58

Melting Point (°C): -25

Boiling Point (°C): 285

Solubility in Electrolyte: High

Electrochemical Window (V): 0-4.8

Acid Content (ppm):  $\leq 50$

Flash Point (°C): 145

Viscosity (mPa·s): 4.5

Particle Size (D50): N/A

Surface Area (m<sup>2</sup>/g): N/A

pH Value: 7

Solid Content (%): 100

Metal Impurities (ppm):  $\leq 5$

Chloride Content (ppm):  $\leq 10$

Sulfate Content (ppm):  $\leq 10$

Recommended Dosage (wt%): 3.0-10.0

Main Function: Flame Retardancy

Application Phase: Electrolyte Mixing

Storage Temperature (°C): 15-25

Shelf Life (Months): 12

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