

Dimethoxydimethylsilane

Catlog Number: **BMBSA-0103**

• Description

A silicon-based scavenger that reacts with trace moisture and hydrogen fluoride (HF) to prolong the life of sensitive battery separators.

• Basic Information

Physical Form: Colorless Liquid

Purity (%): ≥ 99.0

Moisture Content (ppm): ≤ 50

Density (g/cm³): 0.86

Melting Point (°C): -80

Boiling Point (°C): 82

Solubility in Electrolyte: High

Electrochemical Window (V): 0-4.3

Acid Content (ppm): ≤ 20

Flash Point (°C): -8

Viscosity (mPa·s): 0.5

Particle Size (D50): N/A

Surface Area (m²/g): N/A

pH Value: N/A

Solid Content (%): 100

Metal Impurities (ppm): ≤ 2

Chloride Content (ppm): ≤ 5

Sulfate Content (ppm): ≤ 5

Recommended Dosage (wt%): 0.1-0.8

Main Function: HF Neutralization

Application Phase: Electrolyte Mixing

Storage Temperature (°C): 0-15

Shelf Life (Months): 24

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