

30 μ m High-Conductivity Sulfide Solid Sep

Catlog Number: BMSM-0063

• Description

Argyrodite-type sulfide solid electrolyte film reinforced with a polymer scaffold for high-performance all-solid-state battery (ASSB) research.

• Basic Information

Base Material: Li6PS5Cl

Coating Type: Hybrid Polymer

Thickness (μ m): 30

Porosity (%): 35

Gurley Value (s/100mL): N/A

Puncture Strength (gf): 350

Tensile MD (kg/cm²): 750

Tensile TD (kg/cm²): 680

Elongation MD (%): 8

Elongation TD (%): 5

Shrinkage MD (120°C): < 0.1%

Shrinkage TD (120°C): < 0.1%

Melt Temp (°C): > 200

Shutdown Temp (°C): N/A

Dielectric (V/ μ m): 310

Wettability: N/A

Ionic Cond. (mS/cm): 10


Water (ppm): < 50

Basis Weight (g/m²): 45.5

Pore Size (μ m): N/A

Appearance: Grayish

Packaging: Sheet

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