

20 μ m Solid-State Composite Separator

Catlog Number: BMSM-0022

• Description

Composite solid-state interface membrane designed for hybrid solid-liquid batteries, facilitating high ionic flux at the interface.

• Basic Information

Base Material: Polymer/Ceramic

Coating Type: LATP/LLZTO

Thickness (μ m): 20

Porosity (%): 35

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

Puncture Strength (gf): 320

Tensile MD (kg/cm²): 850

Tensile TD (kg/cm²): 780

Elongation MD (%): 15

Elongation TD (%): 12

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): 240

Wettability: High

Ionic Cond. (mS/cm): 0.25


Water (ppm): < 100

Basis Weight (g/m²): 32.5

Pore Size (μ m): N/A

Appearance: Gray-White

Packaging: Roll

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