

30 μ m Bio-based Cellulose Separator

Catlog Number: BMSM-0032

• Description

Eco-friendly microporous cellulose membrane derived from natural fibers, providing exceptional thermal stability and fast wetting for green batteries.

• Basic Information

Base Material: Cellulose

Coating Type: None

Thickness (μ m): 30

Porosity (%): 65

Gurley Value (s/100mL): 15

Puncture Strength (gf): 210

Tensile MD (kg/cm²): 620

Tensile TD (kg/cm²): 580

Elongation MD (%): 12

Elongation TD (%): 10

Shrinkage MD (120°C): < 0.2%

Shrinkage TD (120°C): < 0.1%

Melt Temp (°C): > 280

Shutdown Temp (°C): N/A

Dielectric (V/ μ m): 160

Wettability: Superior

Ionic Cond. (mS/cm): 2.05


Water (ppm): < 450

Basis Weight (g/m²): 16.2

Pore Size (μ m): 0.85

Appearance: White

Packaging: Roll

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