

18 μ m High-Adhesion PMMA PE

Catlog Number: BMSM-0039

• Description

PMMA-coated PE film designed to improve the gelation of electrolytes at the interface, enhancing electrode-separator bonding.

• Basic Information

Base Material: Polyethylene

Coating Type: PMMA

Thickness (μ m): 18

Porosity (%): 41

Gurley Value (s/100mL): 230

Puncture Strength (gf): 385

Tensile MD (kg/cm²): 1480

Tensile TD (kg/cm²): 1260

Elongation MD (%): 62

Elongation TD (%): 205

Shrinkage MD (120°C): < 3.5%

Shrinkage TD (120°C): < 1.5%

Melt Temp (°C): 140

Shutdown Temp (°C): 132

Dielectric (V/ μ m): 155

Wettability: Superior

Ionic Cond. (mS/cm): 0.87

Water (ppm): < 280

Basis Weight (g/m²): 11.4

Pore Size (μ m): 0.038

Appearance: Matte

Packaging: Roll

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