

18 μ m Trilayer High-Strength Membrane

Catlog Number: BMSM-0011

• Description

High-tensile trilayer separator utilizing a balanced PP/PE/PP structure to provide early thermal shutdown and high mechanical stability.

• Basic Information

Base Material: PP/PE/PP

Coating Type: None

Thickness (μ m): 18

Porosity (%): 41

Gurley Value (s/100mL): 580

Puncture Strength (gf): 420

Tensile MD (kg/cm²): 1850

Tensile TD (kg/cm²): 160

Elongation MD (%): 40

Elongation TD (%): 145

Shrinkage MD (120°C): < 3.2%

Melt Temp (°C): 165

Shutdown Temp (°C): 131

Dielectric (V/ μ m): 165

Wettability: Good

Ionic Cond. (mS/cm): 0.72

Water (ppm): < 350

Basis Weight (g/m²): 10.8

Pore Size (μ m): 0.038

Appearance: White

Packaging: Roll

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