

50µm Heavy-Duty Industrial PP

Catlog Number: BMSM-0048

• Description

Extra-thick polypropylene separator designed for robust industrial backup systems and stationary energy storage modules.

• Basic Information

Base Material: Polypropylene

Coating Type: None

Thickness (µm): 50

Porosity (%): 46

Gurley Value (s/100mL): 950

Puncture Strength (gf): 620

Tensile MD (kg/cm²): 1400

Tensile TD (kg/cm²): 145

Elongation MD (%): 55

Elongation TD (%): 180

Shrinkage MD (120°C): < 2.0%

Melt Temp (°C): 165

Shutdown Temp (°C): N/A

Dielectric (V/µm): 190

Wettability: Good

Ionic Cond. (mS/cm): 0.6

Water (ppm): < 450

Basis Weight (g/m²): 34.5

Pore Size (µm): 0.055

Appearance: White

Packaging: Roll

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