

25µm Inorganic-Filled PP Membrane

Catlog Number: BMSM-0040

• Description

Dry-process PP membrane with integrated inorganic fillers to minimize thermal shrinkage and improve internal heat dissipation.

• Basic Information

Base Material: Polypropylene

Coating Type: TiO₂/SiO₂ Fill

Thickness (µm): 25

Porosity (%): 52

Gurley Value (s/100mL): 480

Puncture Strength (gf): 440

Tensile MD (kg/cm²): 1250

Tensile TD (kg/cm²): 155

Elongation MD (%): 40

Elongation TD (%): 155

Shrinkage MD (120°C): < 1.5%

Melt Temp (°C): 165

Shutdown Temp (°C): N/A

Dielectric (V/µm): 180

Wettability: Superior

Ionic Cond. (mS/cm): 0.9

Water (ppm): < 350

Basis Weight (g/m²): 16.8

Pore Size (µm): 0.045

Appearance: Gray-White

Packaging: Roll

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