

12 μ m Multi-Layer Ceramic PE

Catlog Number: BMSM-0025

• Description

Ultra-thin wet-process PE coated with nanoscale alumina on both sides for maximum heat resistance with minimal thickness.

• Basic Information

Base Material: PE

Coating Type: Alumina (2-side)

Thickness (μ m): 12

Porosity (%): 40

Gurley Value (s/100mL): 210

Puncture Strength (gf): 350

Tensile MD (kg/cm²): 1550

Tensile TD (kg/cm²): 1250

Elongation MD (%): 0.7

Elongation TD (%): 0.6

Shrinkage MD (120°C): < 1.5%

Shrinkage TD (120°C): < 0.5%

Melt Temp (°C): 140

Shutdown Temp (°C): 133

Dielectric (V/ μ m): 170

Wettability: Excellent

Ionic Cond. (mS/cm): 0.92

Water (ppm): < 300

Basis Weight (g/m²): 10.2

Pore Size (μ m): 0.03

Appearance: White

Packaging: Roll

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