

30 μ m PET-Ceramic Hybrid Non-Woven

Catlog Number: BMSM-0059

• Description

Hybrid non-woven PET mat impregnated with ceramic particles, balancing high porosity with improved puncture resistance and safety.

• Basic Information

Base Material: PET

Coating Type: Alumina Oxide

Thickness (μ m): 30

Porosity (%): 72

Gurley Value (s/100mL): < 15

Puncture Strength (gf): 260

Tensile MD (kg/cm²): 190

Tensile TD (kg/cm²): 160

Elongation MD (%): 25

Elongation TD (%): 22

Shrinkage MD (120°C): < 0.5%

Shrinkage TD (120°C): < 0.5%

Melt Temp (°C): 255

Shutdown Temp (°C): N/A

Dielectric (V/ μ m): 160

Wettability: Superior

Ionic Cond. (mS/cm): 2.1


Water (ppm): < 400

Basis Weight (g/m²): 21

Pore Size (μ m): 2.5

Appearance: White

Packaging: Roll

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