

35 μ m Polyurethane-Filled Composite

Catlog Number: BMSM-0068

• Description

Microporous polyurethane matrix with high-degree hard segments, offering exceptional flexibility and chemical stability in harsh environments.

• Basic Information

Base Material: TPU Polymer

Coating Type: Inorganic Fill

Thickness (μ m): 35

Porosity (%): 50

Gurley Value (s/100mL): 520

Puncture Strength (gf): 450

Tensile MD (kg/cm²): 480

Tensile TD (kg/cm²): 420

Elongation MD (%): 220

Elongation TD (%): 210

Shrinkage MD (120°C): < 0.5%

Shrinkage TD (120°C): < 0.2%

Melt Temp (°C): 175

Shutdown Temp (°C): N/A

Dielectric (V/ μ m): 215

Wettability: Superior

Ionic Cond. (mS/cm): 0.95

Water (ppm): < 150

Basis Weight (g/m²): 22.4

Pore Size (μ m): 0.18

Appearance: Off-White

Packaging: Roll

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