

## 14 $\mu$ m Low-Shrinkage Hybrid Film

Catlog Number: BMSM-0049

### • Description

Advanced hybrid coating of ceramic and PVDF on a thin polyolefin base, offering minimal thermal shrinkage and high adhesion.

### • Basic Information

Base Material: Polyolefin

Coating Type: Ceramic-PVDF

Thickness ( $\mu$ m): 14

Porosity (%): 40

Gurley Value (s/100mL): 210

Puncture Strength (gf): 370

Tensile MD (kg/cm<sup>2</sup>): 1550

Tensile TD (kg/cm<sup>2</sup>): 1320

Elongation MD (%): 58

Elongation TD (%): 210

Shrinkage MD (120°C): < 0.5%

Shrinkage TD (120°C): < 0.2%

Melt Temp (°C): 145

Shutdown Temp (°C): 134

Dielectric (V/ $\mu$ m): 230

Wettability: Superior

Ionic Cond. (mS/cm): 0.98

Water (ppm): < 200

Basis Weight (g/m<sup>2</sup>): 10.5

Pore Size ( $\mu$ m): 0.03

Appearance: White

Packaging: Roll

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