

Optical Clear BVOH

Catlog Number: SSM-0028

• Description

High-purity BVOH with improved clarity for inspecting internal fluidic channels and complex medical model geometry during printing.

• Basic Information

Base Material: Premium BVOH

Solubility Method: Water

Solvent Type: Water

Heat Deflection Temp (0.45MPa): 68

Glass Transition Temp (Tg): 90

Melting Point (°C): 190

Density (g/cm³): 1.15

Water Absorption (%): 28

Tensile Strength (MPa): 32

Tensile Modulus (MPa): 1550

Elongation at Break (%): 450

Flexural Strength (MPa): 45

Flexural Modulus (MPa): 1250

Printing Temp (°C): 205-230

Bed Temp (°C): 60-80

Chamber Temp (°C): 30

Fan Speed (%): 100

Nozzle Type: Brass

Layer Height (mm): 0.1


Shrinkage Rate (%): 0.3

Continuous Use Temp (°C): 60

Impact Strength (kJ/m²): 7

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁴

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