

Transparent Soluble Support

Catlog Number: SSM-0017

• Description

Optical-grade water-soluble support with high transparency, allowing for visual inspection of internal channels during the printing process.

• Basic Information

Base Material: Optical-Grade PVA

Solubility Method: Water

Solvent Type: Water

Heat Deflection Temp (0.45MPa): 65

Glass Transition Temp (Tg): 85

Melting Point (°C): 185

Density (g/cm³): 1.25

Water Absorption (%): 22

Tensile Strength (MPa): 35

Tensile Modulus (MPa): 1600

Elongation at Break (%): 400

Flexural Strength (MPa): 50

Flexural Modulus (MPa): 1400

Printing Temp (°C): 190-215

Bed Temp (°C): 50-70

Chamber Temp (°C): 25

Fan Speed (%): 100

Nozzle Type: Brass

Layer Height (mm): 0.1

Shrinkage Rate (%): 0.4

Continuous Use Temp (°C): 55

Impact Strength (kJ/m²): 7

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁴

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