

Optical-Grade Soluble

Catlog Number: SSM-0100

• Description

Highly transparent water-soluble support allowing visual inspection of internal channel alignment in complex assemblies.

• Basic Information

Base Material: Clear Co-Polymer
Solubility Method: Water
Solvent Type: Water
Heat Deflection Temp (0.45MPa): 65
Glass Transition Temp (Tg): 80
Melting Point (°C): 180
Density (g/cm³): 1.15
Water Absorption (%): 25
Tensile Strength (MPa): 30
Tensile Modulus (MPa): 1500
Elongation at Break (%): 300
Flexural Strength (MPa): 40
Flexural Modulus (MPa): 1300
Printing Temp (°C): 190-215
Bed Temp (°C): 50-70
Chamber Temp (°C): 30
Fan Speed (%): 100
Nozzle Type: Brass
Layer Height (mm): 0.1
Shrinkage Rate (%): 0.3
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!