

Alcohol-Soluble Support

Catlog Number: SSM-0036

• Description

Specialized support that dissolves rapidly in IPA, ideal for parts sensitive to water or requiring fast evaporation post-cleaning.

• Basic Information

Base Material: Modified Polyvinyl Butyral

Solubility Method: Solvent

Solvent Type: Isopropyl Alcohol

Heat Deflection Temp (0.45MPa): 75

Glass Transition Temp (Tg): 82

Melting Point (°C): 195

Density (g/cm³): 1.1

Water Absorption (%): 2.5

Tensile Strength (MPa): 32

Tensile Modulus (MPa): 1650

Elongation at Break (%): 280

Flexural Strength (MPa): 45

Flexural Modulus (MPa): 1400

Printing Temp (°C): 210-235

Bed Temp (°C): 60-80

Chamber Temp (°C): 30

Fan Speed (%): 50

Nozzle Type: Brass

Layer Height (mm): 0.2

Shrinkage Rate (%): 0.4

Continuous Use Temp (°C): 65

Impact Strength (kJ/m²): 12

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁴

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