

Weak-Base Soluble Polyester

Catlog Number: SSM-0025

• Description

Chemical-soluble support designed for parts that are sensitive to acidic environments but require rapid dissolution in mild alkaline baths.

• Basic Information

Base Material: Modified Polyester

Solubility Method: Chemical

Solvent Type: Weak Base

Heat Deflection Temp (0.45MPa): 78

Glass Transition Temp (Tg): 85

Melting Point (°C): 210

Density (g/cm³): 1.26

Water Absorption (%): 10

Tensile Strength (MPa): 42

Tensile Modulus (MPa): 2100

Elongation at Break (%): 120

Flexural Strength (MPa): 65

Flexural Modulus (MPa): 1900

Printing Temp (°C): 225-250

Bed Temp (°C): 70-90

Chamber Temp (°C): 40

Fan Speed (%): 60

Nozzle Type: Brass

Layer Height (mm): 0.2

Shrinkage Rate (%): 0.4

Continuous Use Temp (°C): 70

Impact Strength (kJ/m²): 8.5

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁴

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