

UV-Sensitive Sacrificial

Catlog Number: SSM-0064

• Description

Sacrificial material for hybrid manufacturing, degradable via specific light wavelengths or solvent exposure.

• Basic Information

Base Material: Modified Photopolymer

Solubility Method: Chemical Degradation

Solvent Type: Specialized Solvent

Heat Deflection Temp (0.45MPa): 45

Glass Transition Temp (Tg): 50

Melting Point (°C): -

Density (g/cm³): 1.08

Water Absorption (%): 2

Tensile Strength (MPa): 22

Tensile Modulus (MPa): 800

Elongation at Break (%): 80

Flexural Strength (MPa): 32

Flexural Modulus (MPa): 700

Printing Temp (°C): 200-230

Bed Temp (°C): 50-70

Chamber Temp (°C): -

Fan Speed (%): 80

Nozzle Type: Brass

Layer Height (mm): 0.1

Shrinkage Rate (%): 0.8

Continuous Use Temp (°C): 40

Impact Strength (kJ/m²): 6

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁴

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