

Acid-Resistant Soluble

Catlog Number: SSM-0038

• Description

High-temp support capable of withstanding acid baths, designed to be removed via strong alkaline solutions for chemical-resistant parts.

• Basic Information

Base Material: Specialized Sulfone Blend

Solubility Method: Chemical

Solvent Type: Strong Alkaline

Heat Deflection Temp (0.45MPa): 185

Glass Transition Temp (Tg): 195

Melting Point (°C): -

Density (g/cm³): 1.38

Water Absorption (%): 0.4

Tensile Strength (MPa): 88

Tensile Modulus (MPa): 3500

Elongation at Break (%): 6

Flexural Strength (MPa): 135

Flexural Modulus (MPa): 3100

Printing Temp (°C): 360-395

Bed Temp (°C): 140-160

Chamber Temp (°C): 120-150

Nozzle Type: Hardened Steel

Layer Height (mm): 0.15

Shrinkage Rate (%): 0.1

Continuous Use Temp (°C): 180

Impact Strength (kJ/m²): 16

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10¹⁶

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