

High-Temp PEEK Support

Catlog Number: SSM-0065

• Description

High-temp soluble support for aerospace-grade PEEK/PEKK parts. Requires alkaline bath for clean removal.

• Basic Information

Base Material: PEEK/PEI Blend

Solubility Method: Chemical

Solvent Type: Strong Alkali

Heat Deflection Temp (0.45MPa): 190

Glass Transition Temp (Tg): 205

Melting Point (°C): 340

Density (g/cm³): 1.32

Water Absorption (%): 0.1

Tensile Strength (MPa): 95

Tensile Modulus (MPa): 3800

Elongation at Break (%): 5.5

Flexural Strength (MPa): 150

Flexural Modulus (MPa): 3500

Printing Temp (°C): 380-420

Bed Temp (°C): 140-160

Chamber Temp (°C): 110-140

Nozzle Type: Hardened Steel

Layer Height (mm): 0.15

Shrinkage Rate (%): 0.1

Continuous Use Temp (°C): 180

Impact Strength (kJ/m²): 14

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10¹⁶

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