

Structural Peel-Off PEEK

Catlog Number: SSM-0087

• Description

Rigid PEEK breakaway support for complex industrial builds; allows for peeling removal from high-strength engineering polymers.

• Basic Information

Base Material: Modified PEEK Blend

Solubility Method: Mechanical

Solvent Type: None

Heat Deflection Temp (0.45MPa): 180

Glass Transition Temp (Tg): 195

Melting Point (°C): 340

Density (g/cm³): 1.3

Water Absorption (%): 0.1

Tensile Strength (MPa): 90

Tensile Modulus (MPa): 3600

Elongation at Break (%): 4.5

Flexural Strength (MPa): 130

Flexural Modulus (MPa): 3300

Printing Temp (°C): 370-400

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): 170

Impact Strength (kJ/m²): 12

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10¹⁶

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