

PEEK-Compatible Breakaway

Catlog Number: SSM-0093

• Description

High-modulus breakaway support specifically formulated for PEEK parts, providing clean peel-off without surface marring.

• Basic Information

Base Material: Modified Engineering Blend

Solubility Method: Mechanical

Solvent Type: None

Heat Deflection Temp (0.45MPa): 195

Glass Transition Temp (T_g): 210

Melting Point (°C): 340

Density (g/cm³): 1.28

Water Absorption (%): 0.1

Tensile Strength (MPa): 85

Tensile Modulus (MPa): 3200

Elongation at Break (%): 4

Flexural Strength (MPa): 130

Flexural Modulus (MPa): 3000

Printing Temp (°C): 380-410

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): 14

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10¹⁶

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