

Structural Peel-Off PET

Catlog Number: SSM-0040

• Description

High-strength breakaway support with tuned adhesion for PETG and carbon-fiber-reinforced polyesters, ensuring a smooth surface finish.

• Basic Information

Base Material: Modified PET

Solubility Method: Mechanical

Solvent Type: Peeling

Heat Deflection Temp (0.45MPa): 78

Glass Transition Temp (Tg): 85

Melting Point (°C): 245

Density (g/cm³): 1.25

Water Absorption (%): 0.15

Tensile Strength (MPa): 65

Tensile Modulus (MPa): 3800

Elongation at Break (%): 5

Flexural Strength (MPa): 95

Flexural Modulus (MPa): 3500

Printing Temp (°C): 250-275

Bed Temp (°C): 80-100

Chamber Temp (°C): 50

Fan Speed (%): 20

Nozzle Type: Hardened Steel

Layer Height (mm): 0.2

Shrinkage Rate (%): 0.25

Continuous Use Temp (°C): 75

Impact Strength (kJ/m²): 22

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁵

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