

## Robot-Peel Breakaway

Catlog Number: SSM-0062

### • Description

Engineered for robotic automated removal, offering balanced adhesion for efficient, non-destructive support extraction.

### • Basic Information

Base Material: Rubber-Modified Co-Polymer

Solubility Method: Mechanical

Solvent Type: None

Heat Deflection Temp (0.45MPa): 85

Glass Transition Temp (Tg): 92

Melting Point (°C): 210

Density (g/cm<sup>3</sup>): 1.02

Water Absorption (%): 0.1

Tensile Strength (MPa): 32

Tensile Modulus (MPa): 1900

Elongation at Break (%): 45

Flexural Strength (MPa): 52

Flexural Modulus (MPa): 1700

Printing Temp (°C): 230-250

Bed Temp (°C): 80-100

Chamber Temp (°C): 40

Fan Speed (%): 20

Nozzle Type: Hardened Steel

Layer Height (mm): 0.25

Shrinkage Rate (%): 0.4

Continuous Use Temp (°C): 75

Impact Strength (kJ/m<sup>2</sup>): 35

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10<sup>16</sup>

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