

High-Temp Wax Polymer

Catlog Number: SSM-0034

• Description

High-melt-point wax composite for high-definition investment casting patterns that require better structural stability than standard waxes.

• Basic Information

Base Material: Modified Polyethylene Wax

Solubility Method: Thermal

Solvent Type: Melting

Heat Deflection Temp (0.45MPa): 65

Glass Transition Temp (Tg): -

Melting Point (°C): 95

Density (g/cm³): 0.98

Water Absorption (%): 0.01

Tensile Strength (MPa): 18

Tensile Modulus (MPa): 850

Elongation at Break (%): 4

Flexural Strength (MPa): 28

Flexural Modulus (MPa): 750

Printing Temp (°C): 120-150

Bed Temp (°C): 40-60

Chamber Temp (°C): -

Fan Speed (%): 100

Nozzle Type: Brass

Layer Height (mm): 0.1

Shrinkage Rate (%): 1.2

Continuous Use Temp (°C): 55

Impact Strength (kJ/m²): 2.5

Flame Retardancy (UL94): HB

Surface Resistivity (Ω): 10¹⁵

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