

Acid-Wash Polycarbonate

Catlog Number: SSM-0059

• Description

Acid-washable PC support designed for aerospace parts that require high mechanical strength during the printing of complex overhangs.

• Basic Information

Base Material: Modified PC

Solubility Method: Chemical

Solvent Type: Acidic Solution

Heat Deflection Temp (0.45MPa): 140

Glass Transition Temp (Tg): 148

Melting Point (°C): -

Density (g/cm³): 1.22

Water Absorption (%): 0.2

Tensile Strength (MPa): 70

Tensile Modulus (MPa): 2600

Elongation at Break (%): 15

Flexural Strength (MPa): 115

Flexural Modulus (MPa): 2400

Printing Temp (°C): 280-310

Bed Temp (°C): 100-120

Chamber Temp (°C): 80-100

Nozzle Type: Hardened Steel

Layer Height (mm): 0.15

Shrinkage Rate (%): 0.3

Continuous Use Temp (°C): 125

Impact Strength (kJ/m²): 15

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10¹⁵

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