

## Stable-Dimension Support

Catlog Number: SSM-0069

### • Description

Glass-filled support with extremely low thermal expansion, ensuring dimensional accuracy for high-temp industrial parts.

### • Basic Information

Base Material: Glass-Filled Copolymer

Solubility Method: Chemical/Mechanical

Solvent Type: Organic Solvent

Heat Deflection Temp (0.45MPa): 140

Glass Transition Temp (Tg): 150

Melting Point (°C): 260

Density (g/cm<sup>3</sup>): 1.45

Water Absorption (%): 0.05

Tensile Strength (MPa): 68

Tensile Modulus (MPa): 6500

Elongation at Break (%): 2.5

Flexural Strength (MPa): 110

Flexural Modulus (MPa): 6000

Printing Temp (°C): 270-300

Bed Temp (°C): 100-130

Chamber Temp (°C): 70-90

Nozzle Type: Hardened Steel

Layer Height (mm): 0.15

Shrinkage Rate (%): 0.05

Continuous Use Temp (°C): 130

Impact Strength (kJ/m<sup>2</sup>): 7

Flame Retardancy (UL94): V-0

Surface Resistivity (Ω): 10<sup>15</sup>

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