Eata 3DPrint

Gas-Generating Sacrificial

Catlog Number: SSM-0088

Description

Sacrificial system that generates controlled gas upon heat-treatment, causing it to collapse/spall from internal voids.

Basic Information

Base Material: Foaming Polymer

Solubility Method: Thermal

Solvent Type: Pyrolysis

Heat Deflection Temp (0.45MPa): 120

Glass Transition Temp (Tg): 135

Melting Point (°C): 190

Density (g/cm³): 0.85

Water Absorption (%): 0.02

Tensile Strength (MPa): 15

Tensile Modulus (MPa): 1100

Elongation at Break (%): 12

Flexural Strength (MPa): 25

Flexural Modulus (MPa): 900

Printing Temp (°C): 210-240

Bed Temp (°C): 60-90

Chamber Temp (°C): 40-70

Nozzle Type: Hardened Steel

Layer Height (mm): 0.3

Shrinkage Rate (%): 0.1

Continuous Use Temp (°C): 100

Impact Strength (kJ/m²): 2

Flame Retardancy (UL94): V-1

Surface Resistivity (Ω): 10^15

Eata 3DPrint: Your innovation partner for advanced 3D printing solutions, delivering cutting-edge services and materials to transform industries and drive progress.

Tel: 1-631-637-0420 | 1-631-533-0595
Email: info@eataray.com
Suite 103, 17 Ramsey Road, Shirley, NY 11967, USA