



SuperPP 1.4G

Tough Resin for Strong Parts

1.3 Sec (Mono 50um) Fastest Tough Resin, 1000g SuperPP 1.4G is the Most Resilient & Toughest Resin (1400MPa, Elongation 25%) for Prototyping Strong Parts, Made in Korea for 3D Printers by 3D Materials

SuperPP Materials Properties

	METRIC ¹⁾	IMPERIAL ¹⁾	METHOD
	Post-Cured ²⁾	Post-Cured ²⁾	
Mechanical Properties			
Tensile Strength at Yield	42 MPa	6090 psi	ASTM D 638
Secant Modulus	1410 MPa	204 ksi	ASTM D 638
Elongation at Break	25.0 %	25.0 %	ASTM D 638
Flexural Properties			
Flexural Modulus	1780 MPa	258 ksi	ASTM D 790
Flexural Strength at 5% Strain	58 MPa	8410 psi	ASTM D 790
Impact Properties			
Notched IZOD	120 J/m	27 ft-lb/in	ASTM D256
Thermal Properties			
Heat Deflection Temp. @ 264 psi	- °C	- °F	ASTM D 648
Heat Deflection Temp. @ 65 psi	52 °C	126 °F	ASTM D 648

¹⁾ Material properties can vary with part geometry, printing orientation, print settings.

²⁾ Data was obtained from parts printed using printer with monochrome LCD, 50µm, post-cured with 20mW/cm² of 395 nm LED light for 10 minutes.

SuperPP Properties Diagram

