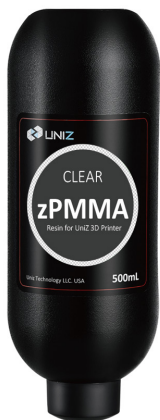




VARIETY AND CHARACTER

TRANSPARENT RESIN



The zPMMA clear resin is designed for any project or model that prefers transparency over the opacity of solid colors.

zPMMA CLEAR					
	METRIC ¹		IMPERIAL ¹		METHOD
	Green ²	Post-Cured ³	Green ²	Post-Cured ³	
Tensile Properties					
Tensile Strength	25.84 MPa	40.25MPa	3746.8psi	5836.25psi	ASTM D 638-14
Elongation at Break	23.42 %	17.85%	23.42 %	17.85%	ASTM D 638-14
Modulus	180.35 MPa	327.3MPa	26150.75psi	47458.5psi	ASTM D 638-14
Flexural Properties					
Flexural Strength	23.41 MPa	51.84MPa	3394.45psi	7516.8psi	ASTM D 790-15
Flexural modulus	860.75 MPa	1988.74MPa	124.81ksi	288.37ksi	ASTM D 790-15
Impact properties					
Notched izod (Machined)	10.39J/m	4.89 J/m	0.19 ft-lbf/in	0.09 ft-lbf/in	ASTM-D256-10

NOTES:

1. Material properties can vary with part geometry, print orientation, print settings and temperature.
2. Data was obtained from green parts, printed using, 100 µm, Clear settings, without additional treatment.
3. Data was obtained from green parts, printed using, 100 µm, Clear settings and post-cured with 600 mW/cm² of 405 nm LED light at 25°C for 10 min.