



Rapid Product Solutions, Inc.

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SLA QuickCast Resins

Properties	ASTM Method	CastPro*	SC1000P*	Xtreme
Tensile Strength (PSI)	D 638	7540-7690	7690	5510-6380
Tensile Modulus (KSI)	D 638	361-380	260-287	260-287
Elongation at Break (%)	D 638	4.1-8.3	4-8	14-22
Flexural Strength (PSI)	D 790	11890-12180	7688	7540-10300
Flexural Modulus (KSI)	D 790	335-339	280	220-300
Impact Strength (Ft-lbs/in)	D 256	0.80-0.92	0.35	0.7-1.0
Heat Deflection Temperature (°F)	D 648 @ 66 PSI @ 264 PSI	124 122	127 122	144 122
Coefficient of Thermal Expansion	E 831-93 0-40° C 50-140° C	57.2 89.0	57.1 96.9	95 180
Water Absorption (%)	D 570-88	0.33	0.33	0.65
Hardness, Shore D		85	85	86
Color		Slight Amber Hue	Slight Yellow Hue	White

*QuickCast Only

For more information about advanced prototyping and product solutions, contact us at 805.485.7234 or sales@rapid-products.com.

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