



Features & Benefits

- Simulates Polycarbonate
- Humidity Resistant
- Durable & Stiff
- High Clarity
- Ideal For:
 - QuickCast Patterns
 - Transparent Assemblies
 - Medical Devices
 - Visualization Models

Additional Information

- Available for Instant Online Quoting
- Maximum Build: 25x29x21in
- Tolerances: +/- .003" for the first 3 inches, +/- .001" for each additional inch
- Minimum Wall Thickness: .030"
- Finish Options Include:
 - Standard
 - Polish
 - Mold / Paint Ready
 - QuickCast
 - Color Paint
 - Color Dye

SLA[®] Accura[®] 60

Liquid Material

MEASUREMENT	CONDITION	VALUE
Appearance		Clear
Liquid Density	@ 25 °C(77 °F)	1.13 g/cm ³
Solid Density	@ 25 °C(77 °F)	1.21 g/cm ³
Viscosity	@ 30 °C(86 °F)	150 - 180 cps
Penetration Depth (Dp)*		6.3 mils
Critical Exposure (Ec)*		7.6 mJ/cm ²
Tested Build Styles		EXACT™, FAST™, QuickCast™

Post-cured Material

MEASUREMENT	CONDITION	VALUE
Tensile Strength	ASTM D 638	58 - 68 MPa (8410 - 9860 PSI)
Tensile Modulus	ASTM D 638	2690 - 3100 MPa (390 - 450 KSI)
Elongation at Break (%)	ASTM D 638	5 - 13 %
Flexural Strength	ASTM D 790	87 - 101 MPa (12620 - 14650 PSI)
Flexural Modulus	ASTM D 790	2700 - 3000 MPa (392 - 435 KSI)
Impact Strength (Notched Izod)	ASTM D 256	15 - 25 J/m (0.3 - 0.5 ft-lb/in)
Heat Deflection Temperature	ASTM D 648	
	@ 66 PSI	53 - 55 °C (127 - 131 °F)
	@ 264 PSI	48 - 50 °C (118 - 122 °F)
Hardness, Shore D		86
Co-efficient of Thermal Expansion	ASTM E 831-93	
	TMA (T<Tg, 0-40 °C)	71 µm/m-°C
	TMA (T<Tg, 75-140 °C)	153 µm/m-°C
Glass Transition (Tg)	DMA, E"	58 °C (136 °F)

* Dp/Ec values are the same on all systems.