



Features & Benefits

- Simulates Polypropylene
- Good Feature Resolution
- High Flexibility
- Good Shape Retention
- Ideal For:
 - Functional Models
 - Automotive Applications
 - Snap Fit Applications
 - Concept Models
 - Electronic Applications

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
 - Mold / Paint Ready
 - Color Paint

SLA® Accura® 25

Liquid Material

MEASUREMENT	CONDITION	VALUE
Appearance		White
Liquid Density	@ 25 °C(77 °F)	1.13 g/cm ³
Solid Density	@ 25 °C(77 °F)	1.19 g/cm ³
Viscosity	@ 30 °C(86 °F)	250 cps
Penetration Depth (Dp)*		4.2 mils
Critical Exposure (Ec)*		10.5 mJ/cm ²
Tested Build Styles		FAST™, EXACT™, Exact HR

Post-cured Material

MEASUREMENT	CONDITION	METRIC	US
Tensile Strength	ASTM D 638	38 MPa	5450 - 5570 PSI
Tensile Modulus	ASTM D 638	1590 - 1660 MPa	230 - 240 KSI
Elongation at Break (%)	ASTM D 638	13 - 20 %	
Flexural Strength	ASTM D 790	55 - 58 MPa	7960 - 8410 PSI
Flexural Modulus	ASTM D 790	1380 - 1660 MPa	200 - 240 KSI
Impact Strength (Notched Izod)	ASTM D 256	19 - 24 J/m	0.4 ft-lb/in
Heat Deflection Temperature	ASTM D 648		
	@ 66 PSI	58 - 63 °C	136 - 145 °F
	@ 264 PSI	51 - 55 °C	124 - 131 °F
Hardness, Shore D		80	
Co-efficient of Thermal Expansion	ASTM E 831-93		
	TMA (T<Tg, 0-20 °C)	107 x 10 ⁻⁶ m/m °C	
	TMA (T<Tg, 90-150 °C)	151 x 10 ⁻⁶ m/m °C	
Glass Transition (Tg)	DMA, E"	60 °C	140 °F

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