

Accura 25

A highly flexible material with excellent shape retention. Outstanding feature resolution and accuracy.

LIQUID MATERIAL	CONDITION	ACCURA 25
Appearance		White
Liquid Density	@ 25°C (77°F)	1.13g/cm ³
Solid Density	@ 25°C (77°F)	1.19g/cm ³
Viscosity	@ 30°C (86°F)	250 cps
Penetration Depth (Dp)		4.2 mils
Critical Exposure (Ec)		10.5 mJ/cm ²

POST-CURED MATERIAL	TEST METHOD	METRIC	US
Tensile Strength	ASTM D 638	38 MPa	5,540 - 5,570 PSI
Tensile Modulus	ASTM D 638	1590-1660 MPa	230 - 240 KPSI
Elongation at Break	ASTM D 638	13 - 20%	13 - 20%
Flexural Strength	ASTM D 790	55 - 58 MPa	7,960 - 8,410 PSI
Flexural Modulus	ASTM D 790	1,380 - 1,660 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	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, 75-140 °C)	151 x 10 ⁻⁶ m/m-°C	
Glass Transition (Tg)	DMA, E"	60 °C	140 °F

Actual part properties may vary slightly from those listed above based on processing parameters, operating conditions, and material usage. Forecast3D makes no warranties of materials for any particular application, nor does it make a warranty of any type, expressed or implied, including, but not limited to, the warranties of merchantability for a particular purpose.

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