



# Accura<sup>®</sup> SL 5530

High temperature resistant Stereolithography material

## Post-Cured Material

MEASUREMENT	CONDITION	VALUE
Tensile Strength (MPa)	ASTM D 638	57-63
Tensile Modulus (MPa)	ASTM D 638	2854-3130
Elongation at Break (%)	ASTM D 638	2.7-4.4 %
Flexural Strength (MPa)	ASTM D 790	109-120
Flexural Modulus (MPa)	ASTM D 790	2972-3392
Impact Strength (J/m)	ASTM D 256	21
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	68 °C 56 °C
Glass Transition (T <sub>g</sub> )	DMA, E''	82 °C
Hardness, Shore D	ASTM D 2240	88

## Liquid Material

MEASUREMENT	CONDITION	VALUE
Viscosity	@ 30 °C (86 °F)	225 cps
Penetration Depth (Dp)		5.5 mils
Critical Exposure (E <sub>c</sub> )		7.5 mJ/cm <sup>2</sup>
Color		Clear amber
Solid Density	@ 25 °C (77 °F)	1.25 g/cm <sup>3</sup> at 25 °C
Liquid Density	@ 25 °C (77 °F)	1.19 g/cm <sup>3</sup> at 25 °C
Tested Build Styles		EXACT™

## Features

- High temperature resistance
- Very high throughput material
- Good water resistance
- Suitable for under-the-hood applications
- Suitable for electrical applications
- Resistant to automotive fluids



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