



Accura[®] SL 5530

High temperature resistant Stereolithography material

Post-Cured Material

MEASUREMENT	CONDITION	VALUE
Tensile Strength (MPa/PSI)	ASTM D 638	57-63
Tensile Modulus (MPa/KSI)	ASTM D 638	2854-3130
Elongation at Break (%)	ASTM D 638	2.7-4.4 %
Flexural Strength (MPa/PSI)	ASTM D 790	109-120
Flexural Modulus (MPa/KSI)	ASTM D 790	2972-3392
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	21
Heat Deflection Temperature	ASTM D 648 @ 66 PSI @ 264 PSI	68 °C 56 °C
Glass Transition (Tg)	DMA, E''	82 °C
Hardness, Shore D	ASTM D 2240	88

Liquid Material

MEASUREMENT	CONDITION	VALUE
Viscosity	@ 28 °C (82 °F)	270 cps
	@ 30 °C (86 °F)	210 cps
Penetration Depth (Dp)		5.5 mils
Critical Exposure (Ec)		7.5 mJ/cm ²
Color		Clear Amber
Solid Density	@ 25 °C (77 °F)	1.25 g/cm ³ at 25 °C
Liquid Density	@ 25 °C (77 °F)	1.19 g/cm ³ 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



www.3dsystems.com

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

© 2017 by 3D Systems, Inc. All rights reserved. Specifications subject to change without notice. 3D Systems and Accura are registered trademarks and the 3D Systems logo is a trademark of 3D Systems, Inc.