



## 3D Systems' Stereolithography Resin Summary

Platform	SLA 350 / SLA 3500 / SLA 5000							SLA 7000
Resin	SL 5190 SLA 350 & SLA 3500 only	SL 7510 SLA 3500 only	SL 5195 SLA 5000 only	SL 7510 SLA 5000 only	SL 5510	SL 5520	SL 5530HT*	SL 7510
Type	Multi-Purpose	Multi-Purpose	Multi-Purpose	Multi-Purpose	Multi-Purpose	Specialty	Specialty	Multi-Purpose
Features & Benefits	accurate optical clarity	high durability impact resistant high productivity humidity-resistant accurate light color	accurate optical clarity light color	high productivity excellent durability humidity-resistant accurate light color	highly accurate high productivity humidity-resistant optical clarity light color elevated temperature resistance excellent sidewall quality	durable, yet flexible impact resistant excellent sidewall quality accurate optical clarity light color humidity-resistant	highest temperature resistance solvent resistant high productivity humidity/water resistant superior cleaning & support removal	outstanding productivity .025 mm (.001 in) tooling buildstyle excellent sidewall quality accurate optical clarity light color
Applications	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling	master patterns for silicone molding limited snap-fit assemblies prototypes form, fit & function testing investment casting patterns investment casting patterns visual models internal structure visualization	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling	investment casting patterns prototypes form, fit & function testing master patterns for silicone molding visual models limited snap-fit assemblies internal structure visualization	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling flow visualization	visual models prototypes form, fit & function testing investment casting patterns snap-fit assemblies prototype tooling flow visualization	high temperature functional testing under-the-hood testing hot fluid flow visualization HVAC component testing wind-tunnel testing household & industrial lighting functional testing master patterns for silicone molding	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns flow visualization

SLA 190, SLA 250 and SLA 500 specifications on following page

Please refer to the specific resin datasheet or specification sheet for more information – call 1.888.337.9786 or visit our web site at [www.3dsystems.com](http://www.3dsystems.com). \*Highest temperature resistance of any SLA resin on the market – over 200°C (392°F).

# 3D Systems' Stereolithography Resin Summary



Platform	SLA 190 / SLA 250			SLA 500	
	SL 5170	SL 5210	SL 5220	SL 5180	SL 5410
Resin					
Notes					
Type	Multi-Purpose	Specialty	Multi-Purpose	Multi-Purpose	Multi-Purpose
Features & Benefits	highly accurate excellent optical clarity light color excellent sidewall quality	high-temperature resistance water resistant humidity-resistant very high productivity superior sidewall quality easy clean-up	very high productivity humidity-resistant accurate optical clarity light color excellent sidewall quality elevated temperature resistance	accurate optical clarity humidity-resistant elevated temperature resistance excellent sidewall quality	high productivity optical clarity highly accurate humidity-resistant elevated temperature resistance excellent sidewall quality
Applications	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling	visual models prototypes under-the-hood testing high temperature functional testing underwater testing wind-tunnel models	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling flow visualization	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling flow visualization	visual models prototypes form, fit & function testing investment casting patterns tooling master patterns prototype tooling flow visualization

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Like all our stereolithography materials, SL 7510 is developed and manufactured by Ciba Specialty Chemicals, Performance Polymers Division, for exclusive distribution by 3D Systems. Ciba and 3D Systems collaborate continually to develop faster, more durable, and more accurate materials for all our SLA solid imaging systems, and for your solid imaging applications.

**FOR MORE INFORMATION OR TO ORDER, CONTACT 3D SYSTEMS TOLL-FREE AT 1.888.337.9786.**

### RESIN UPGRADE PROGRAM

Upgrade your existing resin and take advantage of a substantial discount off the regular purchase price with 3D Systems' Resin Upgrade Program. To place an order, call 1.800.889.2964. To obtain additional information, contact your local 3D Systems representative, or call 1.888.337.9786.

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