

Accura® Stereolithography (SL) Material Selection Guide

RATING SYSTEM

***** = BEST
 **** = BETTER
 *** = GOOD

Ranking: A five-star rating is superior. Materials are listed in order of increasing Flexural Modulus (stiffness) from left to right.

	Accura® 25	Accura® 50	New! Accura® 55	Accura® 60	Accura® 40	Accura® 10	Accura® Amethyst™	Accura® Bluestone™
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Material Property

Accuracy	****	****	****	***	****	****	*****	*****
High Temperature					****			*****
Moisture Resistance		****	****	****	***	****		*****
Optical Clarity				****	***	***		
High Stiffness (Flex Modulus)						***	***	*****
High Elongation	****	***	***	***				
Opacity	*****	*****	*****					*****
Color	White	Grey or Natural	White	Clear	Clear amber	Clear amber	Purple	Blue

"Simulant" Characteristics

Polypropylene	*****							
ABS		*****	*****					
Polycarbonate				*****				
Nylon 6:6					*****			

Recommended Applications

Investment Casting/QuickCast				*****		****		
Jigs/Fixtures/Tools		***	****	***	***	****		*****
Master Patterns for RTV	****	*****	*****	*****	****	****		***
General Purpose Models	****	****	****	*****	****	*****		
Snap Fit Testing	*****	***	***	***				
Injection Molding/Direct AIM								*****
Automotive/Under-The-Hood					*****			
Wind-Tunnel					***			*****
Jewelry Manufacturing							*****	
Automotive HVAC Testing					*****			

Material Ordering

AMERICAS	U.S.A. + 1 803 326-4080 or (800) 889-2964
ASIA-PACIFIC	Hong Kong +852 29 23 50 77 Japan (+81) 3 5451 1690
EUROPE	France +33 1 69 35 17 17 Germany +49 6151-357 234 Italy +39 039 68904 00 U.K. +44 1442 282665



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