



SLA MATERIAL DATASHEET

MATERIAL OVERVIEW

FATHOM's SLA services are ideal for high-resolution finishes on medium- to large-sized parts. There is no more cost-effective solution for creating aesthetic and durable parts of considerable size on a tight deadline.

FATHOM often integrates SLA into the product development process when **complex geometries, high resolution surface finish, and larger build volume** are key factors.

STANDARD SLA MATERIALS	LEAD TIME	OPTIMAL QUANTITY	MAXIMUM DIMENSIONS	SUGGESTED MINIMUM WALL THICKNESS	FINISH & APPEARANCE	ADVANTAGES & CONSIDERATIONS
Accura 25	1-3 Days*	1-10 Parts	650 x 750 x 550 mm	1mm	<ul style="list-style-type: none"> High resolution Detailed & complex parts Smooth surface finish Can be painted, plated, or vacuum metalized 	<ul style="list-style-type: none"> Often used for aesthetic models, complex geometries, & high-quality finishes Highly cost-effective for medium- to large-sized parts Exceptionally tough & durable Great for snap fits, assemblies, & master patterns for casting SLA is one of the most versatile technologies for post processing Limited color
Watershed (clear)			254 x 254 x 254 mm			

ADVANCED SLA MATERIALS	LEAD TIME	OPTIMAL QUANTITY	MAXIMUM DIMENSIONS	SUGGESTED MINIMUM WALL THICKNESS	FINISH & APPEARANCE	ADVANTAGES & CONSIDERATIONS
Accura Black	3-5 Days*	1-10 Parts	254 x 254 x 254 mm	1mm	<ul style="list-style-type: none"> High resolution Detailed & complex parts Smooth surface finish Can be painted, plated, or vacuum metalized 	<ul style="list-style-type: none"> Often used for aesthetic models, complex geometries, & high-quality finishes Highly cost-effective for medium to large-sized parts SLA is one of the most versatile technologies for post processing Limited color

*Parts larger than 250mm in any dimension require quote review.

Need A Material Not Listed?

Please Speak With A FATHOM Expert Directly About Additional Material Options.