

## FDM® Material Selection Guide

Applications and Usages	ABSi™	ABS-M30™	ABS-ESD7™	PC-ABS	ABS-M30i™	ASA™	PC	PC-ISO™	FDM Nylon12™	ULTEM™ 9085 Resin	PPSF
Visual and Aesthetic Models	*	**	*	**	*	***	*	*	*	*	*
Form and Fitment Testing	**	**	*	***	**	***	*	*	*	**	*
Rigid-Opaque Part Functional Testing	**	***	*	***	**	***	**	**	***	***	**
Rigid-Translucent/ Transparent Parts	**	*			*	*	**	**		*	*
Flexible/Rubber Part Testing									*		
Non-Ambient Temperature Part Testing	*	*	*	**	*	*	**	**	*	***	***
Tooling/Patterns - Metal	*	**		*	*	**	***		*	***	***
Tooling/Patterns - Composites	**	**	*	**	*	**	***	*	*	***	***
Tooling/Patterns - Plastics	*	**	*	**	*	**	***	**	*	***	***
Electrostatic Parts			***								
Medical Bio-compatible					***			***			**
End-Use Parts	***	***	***	***	***	***	***	***	***	***	***
Finishing - Coatings and Coloring	***	**	*	**	**	**	**	*	**	***	**
Shape Changing and Surface Improvement	***	***	***	***	***	***	***	***	*	***	**
Fastening	**	**	**	**	**	**	**	**	***	**	*

\*= Good \*\*= Better \*\*\*= Best

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