

MATERIAL SELECTOR GUIDE

PROCESS	MATERIAL	SIMILAR TO	APPEARANCE	APPLICATIONS & KEY PROPERTIES
SLA	<u>Somos 9120</u>	Polypropylene	Translucent	Snap fit, Flexible parts, Live hinges*, High Impact,
SLA	<u>Somos 11122</u>	ABS	Clear**	Casings, Quickcast & Master patterns, Transparent**, <u>USP class VI medical certification</u> , <u>Water resistance</u>
SLA	<u>Somos 14120</u>	ABS	White	Casings, <u>Water resistance</u> , Opaque white
SLA	<u>Somos 18420</u>	ABS	White	Same as 14120, adds HDT up to 90°C
SLA	<u>Nanotool***</u>	Ceramic/Plastic	Grey	Rapid Tooling, Vacuum Forming, Tooling inserts, Wind tunnel tests, HDT up to 250°C
SLA	<u>DMX</u>	ABS/Polypro	Cream	Snap fit, Highest <u>impact strength</u> on the market, Vibration resistance
SLA	<u>Tango Grey</u>	Rubber/Silicone	Grey	Gaskets, Boots, Keypads, Overmolding Shore A75
SLA	<u>Tango Black</u>	Rubber/Silicone	Black	Gaskets, Boots, Keypads, Overmolding, Shore A61
SLA	<u>Tango Plus</u>	Silicone	Amber	Gaskets, Boots, Keypads, Overmolding, Shore A27
SLS	<u>RM250</u>	Nylon 12	Cream	Live hinges*, Rapid manufacturing, High impact, Melts at 150°C, HDT of 92°C, Chemical resistance
SLS	<u>FR 106</u>	Nylon 11	White	Same as RM 250, adds <u>Fire retardant</u> properties and <u>Aeronautic certification</u>
SLS	<u>A6 Steel</u>	Steel	Steel/Bronze	Tooling, Complex tooling inserts, Heat resistance 450°C, Thermal conductivity, High strength