

ADDITIVE MATERIAL LIST



PROCESS: Fused Deposition Modeling (FDM)

MATERIAL	COLORS	DESCRIPTION
ABS-ESD7		Strong thermoplastic with static dissipative properties.
ABS-M30		Stronger than standard ABS with a variety of color options.
ABS-M30i		Bio-compatible (ISO 10993; USP Class VI) Gamma & EtO sterilizable for medical.
ASA		General use, UV-stable with a variety of color-fast color options.
Nylon 6		Excellent strength and stiffness while maintaining good impact resistance.
Nylon 12		High elongation at break.
Nylon 12CF		Highest Strength & Stiffness to weight ratio combined with Electrostatic Discharge (ESD) Properties.
PC		Accurate, durable, strong, RF transparent.
PC-ABS		Superior strength, heat resistance.
PC-ISO		(ISO 10993; USP Class VI) Gamma & EtO sterilizable for medical.
PPSF		Great heat and chemical resistance.
ULTEM 9085		High strength to weight ratio, high heat resistance. FST certified per "14 CFR/FAR 25.853" & "ASTM F814/E662".
ULTEM 9085 CG		Created with aerospace in mind, but beneficial to all, introducing Ultem 9085 CG. A highly improved version of the original Ultem 9085 Tan offered through Stratasys Direct, with increased mechanical properties across the board, and very low coefficient of variation. High strength to weight ratio, high heat resistance. FST certified per "14 CFR/FAR 25.853" & "ASTM F814/E662".
ULTEM 1010		Excellent strength, thermal stability, ability to withstand steam autoclaving, NSF-51 food contact & Bio-compatible ISO 10993/USP Class VI certifications. FST certified per "14 CFR/FAR 25.853" & "ASTM F814/E662".
ST-130		Engineered and tested specifically for sacrificial tooling. Is capable of autoclave cure, making it an optimal choice for sacrificial lay-up tools used to make hollow composite parts.
TPU 92A		Thermoplastic polyurethane with a Shore A value of 92. The material exhibits high elongation, superior toughness, durability and abrasion resistance.

PROCESS: Multi Jet Fusion (MJF)

MATERIAL	COLORS	DESCRIPTION
Nylon 12 PA		This engineering grade thermoplastic produces high-density parts with extreme dimensional accuracy and fine detail for functional prototyping and final parts. PA 12 also has excellent chemical resistance to oils, greases, aliphatic hydrocarbons and alkalis.