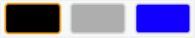
Material	Color Options (availability subject to change)	Description
PLA	Transparent, Black, White, Pearl White, Silver Metallic, Red, Orange, Yellow, Green, Blue, Magenta	***Features:*** Good tensile strength and surface quality ***Applications:*** Household tools, toys, educational projects, show objects, prototyping, architectural models ***Non-suitable for:*** food contact, long term outdoor usage, or applications where temp is higher than 122 deg F
ABS	Black, White, Pearl Gold, Gray, Silver, Red, Orange, Yellow, Green, Blue	***Features:*** Excellent mechanical properties ***Applications:*** Visual and functional prototypes, and short-run manufacturing ***Non-suitable for:*** food contact, applications where temp is higher than 185 deg F, long term UV exposure
PETG	Clear, Black, White, Gray, Silver, Red, Orange, Yellow Green, Blue, Translucent Red, Translucent Green, Translucent Blue, Fluorescent Yellow	***Features:*** Good printability, toughness, resistant to alcohols and weak acids or bases ***Applications:*** Visual prototyping, functional prototyping, short-run manufacturing, custom components, fit testing tooling, custom connectors or packages for liquids ***Non-suitable for:*** Applications where temp is higher than 169 deg F
PET CF	 Black, Gray, Blue	***Features:*** Good printability compared to other carbon fiber materials, excellent performance properties ***Applications:*** Functional prototyping, tooling, manufacturing aids ***Non-suitable for:*** Applications where temp is higher than 169 deg F
Tough PLA	Black, White, Red, Green	***Features:*** Impact strength similar and higher stiffness compared to ABS, less brittle than regular PLA and gives a more matte surface finish quality ***Applications:*** Functional prototyping, tooling, manufacturing aids ***Non-suitable for:*** food contact, long term outdoor usage, or applications where temp is higher than 140 deg F
PP (Polypropylene)	Translucent	***Features:*** Durable, high toughness, semi-flexible, exceptional fatigue resistance, low friction, and good chemical, temperature and electrical resistance ***Applications:*** Functional prototypes, living hinges, connectors, lab equipment, moldings, protective covers ***Non-suitable for:*** food contact, applications where temp is higher than 221 deg F, long term UV exposure, or moisture immersion
PC (Polycarbonate)	Transparent, Black, White	***Features:*** High toughness, temperature resistance, flame retardant characteristics ***Applications:*** Functional prototyping, engineering parts, tools, lighting, molds, short-run manufacturing ***Non-suitable for:*** food contact, applications where temp is higher than 230 deg F
TPU 95A	Black, White, Red, Blue	***Features:*** Qualities of rubber, exceptional wear and tear resistance, high impact strength, Shore A hardness of 95, up to 580% elongation at break, and resistant to many common industrial oils and chemicals ***Applications:*** Functional prototyping, grips, guides, hinges, sleeves, snap-fit parts, and protective cases ***Non-suitable for:*** food contact, applications where temp is higher than 212 deg F, long term UV exposure, or moisture immersion
Nylon	Translucent, Black	***Features:*** Industrial grade impact strength and abrasion resistance, durable, high strength-to-weight ratio, low friction, and good corrosion resistance to alkalis and organic materials ***Applications:*** Functional prototyping, tooling, industrial modeling ***Non-suitable for:*** food contact or applications where temp is higher than 176 deg F
NylonX	Matte Black	***Features:*** Nylon reinforced with micro-carbon fibers to get a tough filament capable of creating parts with stiffness, impact resistance, and high tensile strength