

	Material	Description	Prototypes		Stiffness	Color
			Functional	Aesthetic		
SLM/DMLS	Aluminium AlSi10Mg	Definitive aluminum, very workable and extremely resistant. Very low specific weight (light). AlSi7Mg is an alloy for aerospace applications.				
	Aluminium AlSi7Mg					
	Aluminium AlSi12					
	Cobalt Chrome	Material with high mechanical and thermal resistance, ideal for models with thin walls and subjected to high temperatures.				
	Remanium® Star CL	Cobalt Chrome for dental applications.				
	Stainless Steel AISI 316L	It's an austenitic stainless steel for the production of functional parts or components for pre-production moulds.				
	Stainless Steel 17-4ph	It's a precipitation hardening stainless steel for the production of functional parts or medical instruments.				
	Hot-work maraging steel 1.2709	Material for the production of components for tool inserts with conformal cooling and production of functional components.				
	Titanium Ti6Al4V	Titanium grade 5, ideal for use in automotive, medical and jewelry applications.				
	Titanium grade 2	Used in the manufacture of implants for the medical industry and in lightweight components for the aerospace industry.				
	Inconel 718	Nickel based alloy for the production of components for high temperatures applications.				
	Inconel 625					
Bronze	It's a material whose melting properties make it outstandingly suited to generative processing.					
FDM	ABS M30	Standard ABS created with FDM systems; Properties are identical to ABS injection molded.	✓		Rigid	Ivory, Dark Gray, White, Black, Red, Blue
	ABS-ESD7	ABS thermoplastic with static dissipative properties; prevents static charges from damaging products, or impair their performance.	✓		Rigid	Black
	ABSi	Components made from Translucent Absi are penetrable by light. Monitoring of inside fluid movement is allowed.	✓		Rigid	Translucent Natural-Amber-Red
	NYLON 12	Nylon 12 has an elongation at break greater than 100-300%. It has high impact resistance and excellent chemical resistance.	✓		Rigid	Black
	PC-ABS	ABS and polycarbonate. Material that combines mechanical and thermal properties of the PC and the flexibility of ABS.	✓		Rigid	Black
	PC-ISO	Polycarbonate ISO is an ideal material for the food, packaging and medical (certified for medical use) industry.	✓		Rigid	Translucent Natural, White
	PC	Polycarbonate. Material with high mechanical resistance, it is suitable for the creation of very strong and definitive models.	✓		Rigid	White
	PPSF	Polyphenylsulfone. Material highly resistant to heat, it can be used in autoclave and it can be sterilized with various methods.	✓		Rigid	Tan
	ULTEM® 9085	Thermoplastic resin with high mechanical and thermal properties. Ideal for parts subject to high stress. Flame retardant.	✓		Rigid	Tan, Black
	ULTEM® 1010	Offering excellent strength and thermal stability with food contact and bio-compatibility certifications; it's ideal for food production tools, custom medical devices, aerospace and automotive applications.	✓		Rigid	Tan
	ASA	It's similar to ABS M30, but is UV resistant. It's ideal for end use parts.	✓		Rigid	Ivory,Black,Light Gray, Dark Gray,White,Dark Blue, Green,Yellow,Orange,Red
	POLYJET	ABS-Like	Pigmented photopolymer particularly suitable for functional models (excellent stability), not suitable for walls <0.8 mm.	✓		Rigid
Durus White		Translucent and semi-rigid photopolymer, ideal for simulating polypropylene (PP) models and snap applications.		✓	Semi-Rigid	Opal White
Full Cure 720		Translucent photopolymer with high accuracy and excellent surface smoothness (certified for medical use).		✓	Rigid	Translucent Amber
RGD 525 HT		Very rigid pigmented photopolymer, suitable for applications where thermal stability and extreme detail are required.	✓	✓	Rigid	Ivory
Tango Black		Elastic photopolymer with 60 Shore A hardness (other hardnesses available).		✓	Elastic	Black
Tango Black Plus		Elastic photopolymers with 27 Shore A hardness (other hardness available).		✓	Elastic	Black
Tango Gray		Elastic photopolymer having 70 Shore A hardness (other hardnesses available).		✓	Elastic	Light Gray
Tango Plus		Elastic photopolymers having 27 Shore A hardness (other hardnesses available).		✓	Elastic	Translucent Amber
Vero Black Plus		Black pigmented photopolymer good for unpainted parts; can be finished with soft-touch effect.		✓	Rigid	Black
Vero Blue		Rigid pigmented photopolymer ideal for fine details and dental models.		✓	Rigid	Light Blue

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<b>POLYJET</b>	<b>Vero Clear</b>	Transparent photopolymer, ideal for simulating PMMA, PC models or transparent methacrylate.		✓	Rigid	Transparent, Opal
	<b>Vero Gray</b>	Rigid pigmented photopolymer ideal for highly detailed models even with thin walls, excellent surface finish.		✓	Rigid	Light Gray
	<b>Vero White Plus</b>	Rigid pigmented photopolymer, slightly flexible and suitable for creating expendable masters for lost-wax casting.		✓	Semi-Rigid	White
<b>SLA</b>	<b>Somos® 9420 EP</b>	Semi-rigid pigmented photopolymer, ideal for simulating polypropylene (PP) models and snap applications.		✓	Semi-Rigid	White
	<b>Somos® NanoTool</b>	Ceramic loaded photopolymer with high mechanical and thermal performance; ideal for structural and functional models.	✓		Rigid	White
	<b>Somos® Tusk Solidgrey</b>	Pigmented photopolymer ideal for very detailed models; exceptional surface finish and dimensional stability.		✓	Rigid	Dark Gray
	<b>Somos® Water Clear</b>	Transparent photopolymer. Material similar to PMMA; transparency slightly higher than VeroClear, but less durable in time.	✓	✓	Rigid	Transparent
<b>SLS</b>	<b>Allusinter</b>	Nylon reinforced with aluminum. Structural material, rigid and with high mechanical strength. Excellent reproduction of details.	✓	✓	Rigid	Light Gray
	<b>Flex Sinter-Infiltrated</b>	Very tough elastomer, available in various colors; aesthetic quality lower than that of polyjet rubber.	✓		Elastic	Ivory, Yellow, Black, Red, Blue
	<b>WhiteSinter</b>	Standard white nylon (PA12) with good characteristics of flexibility and elasticity.	✓		Semi-Rigid	White
	<b>Windform® XT2.0</b>	Nylon reinforced with carbon. Very stiff structural material with high mechanical and thermal properties. Light aesthetic resolution and surface quality; ideal for definitive models.	✓	✓	Rigid	Black