amt postpro®

POSTPRO COMPATIBLE MATERIALS

Updated July 2021

Manufacturer	Market Name	Material Composition & Details	Material Class	AM Technology
3D Printlife	ABS-E	Biodegradable ABS	Acrylonitrile Butadiene Styrene	**FFF**
3DSYSTEMS	DuraForm HST	Fiber-reinforced Nylon 12 (PA 12)	Polyamide-12	**LS**
	DuraForm ProX HST Composite	Fiber-reinforced, high temperature resistance Nylon 12		
	DuraForm GF	GF/PA12		
	DuraForm ProX GF	Glass-filled engineering plastic with high stiffness		
	DuraForm ProX PA	Nylon 12, polypropylene-like		
	DuraForm ProX AF+	Composite aluminum-filled Nylon 12		
	DuraForm FR1200	Nylon 12 (PA 12)		
	DuraForm EX White	Nylon 11 White	Polyamide - 11	
	DuraForm EX Black	Nylon 11 Black (PA 11 Black)		
	DuraForm TPU Elastomer	Thermoplastic elastomer	Thermoplastic Elastomer	
alm	640 - GSL	CF/GS/PA 12	Polyamide-12	**LS**
	PA 650	PA 12		
	PA 603 - CF	Carbon fiber/PA 12		
	PA 415 - GS	40% Glass/ PA 12		
	PA 550 - ACF	CF/Alum./PA 12		
	PA 602 - CF	Carbon fiber/PA 12		
	PA 605 - A	50% Alum./ PA 12		
	PA 614 - GS	40% Glass/PA 12		
	PA 615 - GS	50% Glass/PA 12		
	PA 616 - GS	50% Glass/PA 12		
	HP 11 - 30	Carbon fiber/PA 11	Polyamide - 11	
	FR- 106	Fire retardant PA 11		
	FR- 106	Fire retardant PA 11		
	PA 802 - CF	Carbon fiber/PA 11		
	PA 803 - CF	Carbon fiber/PA 11		
	PA 840 - GSL	PA 11		
	TPE 210 (White)	Thermoplastic Elastomer	Thermoplastic Elastomer	
	TPE 210 (Pink)			

AM Polymers	ROLASERIT® PBT01	PBT / natural white	Polybutylene terephthalate	LS
	ROLASERIT® PBT01CF	PBT reinforced with Carbon Fibers		
	ASERIT® PBT01GF	PBT reinforced with Glass Fibers		
	ROLASERIT® PP01	PP -Serial Performance / translucent natural	Polypropylene	
	ROLASERIT® PP01GR	PP- Serial Performance with Black additive		
	ROLASERIT® PP01WT	PP- Serial Performance with White additive		
	ROLASERIT® PP03	PP-Premium Performance translucent		
	ROLASERIT® PP05	PP-Medium Performance translucent		
	ROLASERIT® PA6-01	PA6-Premium Performance/ natural	Polyamide - 6	
	ROLASERIT® PA66-01	PA66- Flame Retardant	Polyamide - 66	
	ROLASERIT® PA11-01	PA11	Polyamide - 11	
	ROLASERIT® PA11-01BK	PA11- with Black additive		
	ROLASERIT® PA11-01CF	PA11- reinforced with Carbon fiber		
	ROLASERIT® PA12-01	PA12	Polyamide - 12	
	ROLASERIT® PA12-01GB	PA12 – reinforced with glass beads		
Arfona	Valplast PMMA	Thermoplastic Denture Base Nylon Resin	Polymethyl methacrylate	FFF
ARKEMA	Rilsan PA11	High performance polyamide 100% bio-based	Polyamide - 11	LS
BASF We create chemistry	Ultrasint PA6	Polyamide 6	Polyamide - 6	LS
	Ultrasint PA6 Black	Polyamide 6/Black additive		
	Ultrasint PA6 MF Black	Polyamide 6/ Mineral reinforcement		
	Ultrasint PA6 LM Black	Low Melting Polyamide 6		
	Ultrasint PA6 FR Black	Fire Retardant Polyamide 6		
	Ultrasint TPU01	TPU - Thermoplastic Polyurethane	Thermoplastic Polyurethane	LS/MJF
DSM	Arnite - ID 3040	PET- Polyethylene Terephthalate	Polyethylene Terephthalate	FFF
	Arnitel - ID 2045	TPC- Thermoplastic Copolyester	Thermoplastic Copolyester	
	Arnitel HT - ID 2060	High Performance TPC		
	Novamid - ID 1070	Polyamide 6/66	Polyamide - 6/66	
	Novamid CF10 - ID 1030	Carbon fiber/Polyamide 6/66		
EASTMAN Eastman Chemical Company	Amphora™ SP1621 3D	Eastman Amphora™ SP1621 3D	TPE	LS
ESSENTIUM	Ultrafuse Z	PA/ Carbon nanotubes	Copolyester PA	HSE
	Essentium PET-CF	Carbon fiber reinforced polyester filament	Polyethylene terephthalate	
	Essentium TPU 80A	BASF Formulated TPU Shore 80A	Thermoplastic Polyurethane	
	Essentium PAHT-CF	High Temperature PA6/ 25% chopped CF loading	Polyamide - 6	
	Essentium PA	Nylon	Polyamide-12	
	Essentium HTN	High Temperature Nylon		
	Essentium HTNCF25	High Temp. Nylon/ 25% chopped CF load		
	Essentium PACF	Nylon 12/Carbon Fiber		
	Essentium Copolyester PCTG	Grey, Copolyester	Copolyester PCTG	
	Essentium Z - PCTG	Copolyester- Multiwall Carbon Nanotube (MWCNT)		

EOS	PA 2200	PA12	Polyamide-12	SLS
	PrimePart PLUS	PA12		
	PA 2202 black	PA 12 + Black pigments		
	PA 2210 FR	PA 12 Flame-Retardant		
	Alumide	Alum./PA12		
	PA 3200 GF	GF/PA12		
	PA 1102 black	Polyamide 11 black (PA 11 black)	Polyamide - 11	
	PA 1101	Polyamide 11 (PA 11)		
	TPU 1301	Thermoplastic Elastomer White	Thermoplastic Elastomer	
	PrimePart ST	TPE-A Polyetheramide- Block-Copolymer (PEBA 2301)		
EVONIK POWER TO CREATE	Vestosint 3D Z2773	TPA - Polyamide 12 based powder	Thermoplastic Alloy	MJF
FARSOON TECHNOLOGIES	FS 3300 PA	PA1212	PA1212	LS
	FS 3300 PA-F	optimized for absorbance of Fiber Laser Light for fast melting		
	FS 3401 GB	Glass-filled PA12		
	FS 4100 PA	PA 11	Polyamide - 11	
	Ultrasint X043	PA 6	Polyamide - 6	
	Ultrasint X028			
	FS 1092A TPU	TPU	Thermoplastic Polyurethane	
	FS 1088A TPU			
formlabs	Nylon 12	Nylon 12 (PA 12)	Polyamide-12	LS
GRAPHITE	Carbon SLS	carbon fibre filled plastic	Polyamide-12	SLS
	Graphite SLS	graphite powder filled plastic		
	SinterWorx C6	Carbon Filled Nylon 12		
	SinterWorx G4	Graphite Filled Nylon 12		
HATCHBOX	ABS - White	Acrylonitrile butadiene styrene (ABS)	Acrylonitrile Butadiene Styrene	FFF
	ABS - Flesh			
hp	HP 3D High Reusability PA 12	Polyamide 12 (PA12)	Polyamide- 12	MJF
	HP 3D High Reusability PA 12 Glass Beads	Polyamide 12 / 40% Glass Beads		
	HP 3D High Reusability CB PA12	Full color PA12		
	HP 3D High Reusability PA 11	Polyamide 11 (PA 11)	Polyamide - 11	
igus	iglide® I150-PF	Food grade, solid polymer-lubrcated polyblend	Polyblend	FFF
JABIL	PA12CF35	Carbon fiber nylon	Polyamide - 12	FFF
	SEBS TPE	Thermoplastic Elastomer	Thermoplastic Elastomer	
Lehmann&Voss&Co. LEHVOSS Group	Luvosint X92A-1	Ester based thermoplastic polyurethane TPU Powder, natural color	Thermoplastic Polyurethane	SLS
Markforged	Onyx	Chopped carbon fiber/Nylon	Polyamide	FFF
	Nylon	Nylon material		
	Kevlar	synthetic fiber	polyamide	FFF
MatterHackers	NylonX	nylon filament which is blended with chopped carbon fibers	polyamide	FFF

NOVUM	Novum	Cellulose-based thermoplastic materials	Cellulose	**FFF**
polymaker	Polymaker™ PC-ABS	PC-ABS polymer blend	polycarbonate-acrylonitrile butadiene styrene	**FFF**
	PolyLite™ ASA	Acrylonitrile styrene acrylate (ASA)	Acrylonitrile styrene acrylate	
PRODWAYS TECH	TPU-70A	fine polyamide powder	polyamide	**SLS**
Roooze	Strong (ABS 100%)	Stabalized ABS Blend	polyamide	**FFF**
stratasys	Nylon 12	Nylon 12 (PA 12)	Polyamide-12	**FDM**
	Nylon 12 CF	Carbon fiber/PA 12		
	Nylon 6	PA 6	Polyamide - 6	
	ABS-ESD 7	Electrostatic dissipative ABS	Acrylonitrile Butadiene Styrene	
	ABS M30 White	Acrylonitrile butadiene styrene (ABS)	Acrylonitrile Butadiene Styrene	
	ABS M30 Grey			
	ABS M30 Blue			
	ABS M30 Black			
	ASA	Acrylonitrile styrene acrylate (ASA)	Acrylonitrile styrene acrylate	
	Diran™ 410MF07	well suited for jigs, fixtures and other general manufacturing aids	Nylon	
	PC	Polycarbonate (PC)	Polycarbonate	
	PC-ABS	Polycarbonate (PC)- Acrylonitrile butadiene styrene (ABS)	Polycarbonate- Acrylonitrile butadiene styrene	
	TPU 92A	Thermoplastic Polyurethane	Thermoplastic Polyurethane	
	ULTEM 9085	Polyetherimide	ULTEM	
TCPOLY	Ice9 Rigid Nylon Filament	Nylon based filament	Polyamide	**FFF**
Ultimaker	PLA - M0751 Black 750	Polylactic acid (PLA)	Polylactic Acid	**FFF**
	PLA - M0751 Red 750			
	PLA - M0751 PearlWhite 750			
	ABS M2560 Black 750	Acrylonitrile butadiene styrene (ABS)	Acrylonitrile Butadiene Styrene	
	ABS M2560 Blue 750			
	ABS M2560 Grey 750			
	ABS M2560 Green 750			
The Virtual Foundry	Copper Filamet	88% Copper/ PLA	Copper- Polylactic acid	**FFF**
	Bronze Filamet	87% Bronze/ PLA	Bronze- Polylactic acid	
	Stainless Steel 316L Filamet	81% SS 316/ PLA	Stainless Steel- Polylactic acid	
	Tungsten Filamet	96.5% Tungsten/ PLA	Tungsten- Polylactic acid	
voxeljet	PMMA	Polymethyl methacrylate (PMMA)	Polymethyl methacrylate	**HSS**
WINDFORM	Windform P1	P-Line high speed production grade for HSS	Polyamide class	**HSS**
XYZ PRINTING	XYZ Carbon Fiber	15% Carbon Fiber/ PLA	Carbon Fiber- Polylactic acid	**FFF**
	XYZ PLA	Black PLA	Polylactic acid	
	XYZ PLA	Gold PLA	Polylactic acid	

All the above materials have been tested by Additive Manufacturing Technologies and are approved for use with the PostPro3D. We do not recommend processing materials which are not listed. If you wish to process materials which are not included please contact AMT prior to doing so.

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