



ADDITIVE MANUFACTURING TECHNOLOGIES // AMT

POSTPRO COMPATIBLE MATERIALS



Updated June 2022

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
ABS-E	Biodegradable ABS	Acrylonitrile Butadiene Styrene	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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-E	Thermoplastic elastomer	Thermoplastic Elastomer	



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY	
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)				

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
ROLASERIT® PBT01	PBT / natural white	Polybutylene terephthalate	LS
ROLASERIT® PBT01CF	PBT reinforced with Carbon Fibers		
ROLASERIT® 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		
ROLASERIT® TPU01	TPU – variable Shore A 70-85	Thermoplastic Polyurethane	
ROLASERIT® TPU01GR	TPU – variable Shore A 70-85/ Black additive		
ROLASERIT® TPU01GDB	TPU – variable Shore A 70-85/ with Blue Glow in the Dark additive		
ROLASERIT® TPU01GDG	TPU – variable Shore A 70-85/ with Green Glow in the Dark additive		

Arfona

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Valplast PMMA	Thermoplastic Denture Base Nylon Resin	Polymethyl methacrylate	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Rilsan PA11	High performance polyamide 100% bio-based	Polyamide - 11	LS

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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
Ultrafuse® TPU 85A	TPU Thermoplastic Polyurethane	Thermoplastic Polyurethane	FFF
Ultrafuse® ABS Fusion+	Acetonitrile Butadiene Styrene Polyscope XILOY™ 3D	Acetonitrile Butadiene Styrene	FFF
Ultrafuse® PET CF15	Carbon Fiber reinforced PET	Polyethylene Terephthalate	FFF
Ultrafuse® PLA PRO1	Polylactic Acid Blend Based Filament	Polylactic acid blend	FFF
Ultrafuse® PAHT CF15	Polyamide High Temperature Carbon Filled	High temperature Polyamide	FFF
Ultrafuse® ASA	Acetonitrile styrene acrylate based filament	Acetonitrile styrene acrylate	FFF
Ultrafuse® PC/ABS FR	V-0 flame retardant blend of Polycarbonate and ABS	Polycarbonate and Acrylonitrile Butadiene Styrene (PC/ABS)	FFF
Ultrafuse® PP	High-Performance Thermoplastic Polypropylene based filament	Polypropylene	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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		

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Amphora™ SP1621 3D	Eastman Amphora™ SP1621 3D	TPE	LS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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)		



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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)		

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Vestosint 3D Z2773	TPA - Polyamide 12 based powder	Thermoplastic Alloy	MJF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
BLUECARE PA11 blue	Polyamide 11 - EU & FDA food contact certified	Thermoplastic	LS
DETECT PA11 blue navy	Polyamide 11 - FDA food contact certified	Thermoplastic	



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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			



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Nylon 12	Nylon 12 (PA 12)	Polyamide-12	LS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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		



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
ABS - White	Acrylonitrile butadiene styrene (ABS)	Acrylonitrile Butadiene Styrene	FFF
ABS - Flesh			



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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	

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
iglide® I150-PF	Food grade, solid polymer-lubricated polyblend	Polyblend	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PA12CF35	Carbon fiber nylon	Polyamide - 12	FFF
SEBS TPE	Thermoplastic Elastomer	Thermoplastic Elastomer	



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Luvsint X92A-1	"Ester based thermoplastic polyurethane TPU Powder, natural color"	Thermoplastic Polyurethane	SLS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Onyx	Chopped carbon fiber/Nylon	Polyamide	FFF
Nylon	Nylon material		
Kevlar	synthetic fiber	Polyamide	

MatterHackers

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
NylonX	nylon filament which is blended with chopped carbon fibers	polyamide	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Novum	Cellulose-based thermoplastic materials	Cellulose	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Polymaker™ PC-ABS	PC-ABS polymer blend	polycarbonate-acrylonitrile butadiene styrene	FFF
PolyLite™ ASA	Acrylonitrile styrene acrylate (ASA)		



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
TPU-70A	fine polyamide powder	polyamide	SLS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Strong (ABS 100%)	Stabalized ABS Blend	polyamide	FFF

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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	



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Ice9 Rigid Nylon Filament	Nylon based filament	Polyamide	FFF



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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			

POSTPRO COMPATIBLE MATERIALS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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	



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PMMA	Polymethyl methacrylate (PMMA)	Polymethyl methacrylate	BJ



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Windform P1	P-Line high speed production grade for HSS	Polyamide class	HSS



MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
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.

