ADDITIVE MANUFACTURING TECHNOLOGIES // AMT

POSTPRO COMPATIBLE MATERIAL LIST

FA326

Updated April 2025 // V6.1

POSTPRO COMPATIBLE MATERIALS

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

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
DuraForm HST	Fiber-reinforced Nylon 12 (PA 12)	Polyamide - 12	**SLS**
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	**SLS**
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)	Thermoplastic Elastomer		

POSTPRO COMPATIBLE MATERIALS

AM Polymers

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
ROLASERIT® PBT01	PBT / natural white	Polybutylene terephthalate	SLS
ROLASERIT® PBT01CF	PBT reinforced with Carbon Fibers		
ROLASERIT® PBT01GF	PBT reinforced with Glass Fibers		
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	FDM

ARKEMA

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

POSTPRO COMPATIBLE MATERIALS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Ultrasint PA6	Polyamide 6	Polyamide - 6	**SLS**
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	**MJF**
Ultrafuse® TPU 85A	TPU Thermoplastic Polyurethane	Thermoplastic Polyurethane	**SLS**
Ultrafuse® ABS Fusion+	Acetonitrile Butadiene Styrene Polyscope XILOY™ 3D	Acetonitrile Butadiene Styrene	**FDM**
Ultrafuse® PET CF15	Carbon Fiber reinforced PET	Polyethylene Terephthalate	
Ultrafuse® PLA PRO1	Polylactic Acid Blend Based Filament	Polylactic acid blend	
Ultrafuse® PAHT CF15	Polyamide High Temperature Carbon Filled	High temperature Polyamide	
Ultrafuse® ASA	Acetonitrile styrene acrylate based filament	Acetonitrile styrene acrylate	
Ultrafuse® PC/ABS FR	V-0 flame retardant blend of Polycarbonate and ABS	Polycarbonate and Acrylonitrile Butadiene Styrene (PC/ABS)	

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Arnite - ID 3040	PET- Polyethylene Terephthalate	Polyethylene Terephthalate	**FDM**
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

EASTMAN
Eastman Chemical Company

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

ESSENTIUM

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)		

eos

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

EVONIK POWER TO CREATE

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

FABULOUS INNOVATIVE MATERIALS + 3D APPLICATIONS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
BLUECARE PA11 blue	Polyamide 11 - EU & FDA food contact CERTIFIED	Polyamide - 11	**SLS & HSS**
DETECT PA11 blue navy	Polyamide 11 - FDA food contact CERTIFIED		

FARSOON TECHNOLOGIES

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
FS 3300 PA	PA1212	Polyamide - 12	**SLS**
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	PA 6		
FS 1092A TPU	TPU	Thermoplastic Polyurethane	
FS 1088A TPU	TPU		

formlabs

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Nylon 12	Nylon 12	Polyamide - 12	**SLS**
Nylon 12 White	Glass-filled Nylon 12		
Nylon 12 GF	Glass-filled Nylon 12		
Nylon 11 CF	Carbon-filled Nylon 11	Polyamide - 11	
TPU 90A	TPU - Thermoplastic Elastomer	Thermoplastic Elastomer	

GRAPHITE ADDITIVE MANUFACTURING

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		

POSTPRO COMPATIBLE MATERIALS

HATCHBOX

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

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
HP 3D High Reusability PA 12	Nylon 12	Polyamide - 12	**MJF**
HP 3D High Reusability PA 12 S	Nylon 12		
HP 3D High Reusability PA 12 W	Nylon 12		
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	Polyamide - 11	
Ultrasint TPU01	TPU - Thermoplastic Polyurethane	Thermoplastic Polyurethane	

INNOVATEFIL® smart materials 3D

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
INNOVATEFIL® PETG FP	Food grade, solid polymer-lubrcated polyblend	Polyblend	**FDM**

igus

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
iglide® I150-PF	Copolyester Glycol with flame retardent additives.	Polyethylene Tere-phthalate Glycol	**FDM**

Lehmann&Voss&Co. LEHVOSS Group

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

Markforged

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

POSTPRO COMPATIBLE MATERIALS

MatterHackers

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
NylonX	nylon filament which is blended with chopped carbon fibers	Polyamide	**FDM**

nanovia COMPOSITE MATERIALS for ADVANCED INDUSTRIALS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Nanovia PA Rail	Non-flammable, low smoke, and toxic-free PA	Polyamide	**FDM**

NOVUM

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

polymaker

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

PRODWAYS TECH

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

Robozze

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Strong (ABS 100%)	Stabalized ABS Blend	Acrylonitrile Butadiene Styrene	**FDM**

SINTERIT

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PA 12 Industrial	Nylon 12	Polyamide - 12	**SLS**
PA 12 Smooth	Nylon 12		
FLEXA Black	Thermoplastic Elastomer		
FLEXA Soft	Thermoplastic Elastomer	Thermoplastic Elastomer	
FLEXA Performance	Thermoplastic Elastomer		

POSTPRO COMPATIBLE MATERIALS

stratasys

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
SAF PA12	Nylon 12	Polyamide - 12	**SAF**
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	Polyamide	
PC	Polycarbonate (PC)	Polycarbonate	
PC-ABS	Polycarbonate (PC)- Acrylonitrile butadiene styrene (ABS)	Polycarbonate- Acrylonitrile butadiene styrene	
TPU 92A	Thermoplastic Polyurethane	Thermoplastic Polyurethane	

TCPOLY

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

Ultimaker

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PLA - M0751 Black 750	Polylactic acid (PLA)	Polylactic Acid	**FDM**
PLA - M0751 Red 750	Polylactic acid (PLA)		
PLA - M0751 Pearl-White 750	Polylactic acid (PLA)		
ABS M2560 Black 750	Acrylonitrile butadiene styrene (ABS)	Acrylonitrile Butadiene Styrene	
ABS M2560 Blue 750	Acrylonitrile butadiene styrene (ABS)		
ABS M2560 Grey 750	Acrylonitrile butadiene styrene (ABS)		
ABS M2560 Green 750	Acrylonitrile butadiene styrene (ABS)		

POSTPRO COMPATIBLE MATERIALS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Copper Filamet	88% Copper/ PLA	Copper- Polylactic acid	**FDM**
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
Aurora PA11	Polyamide 11 based material made from 100 % bio-based substances	Polyamide - 11	**SLS**
Aurora PA11 Food Grade	Blue coloured, Food Grade Polyamide 11-made from 100% bio-based substances		
Aurora PA12	Polyamide 12 material	Polyamide - 12	
Aurora TPU	Thermoplastic polyurethane	Thermoplastic Polyurethane	

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

All the forestated materials have been tested by Additive Manufacturing Technologies and are approved for use with PostPro FA326. If you wish to process materials which are not included, please contact AMT so that we can conduct benchmarking to validate them. We are continually expanding the material compatibility list with new materials. Please keep informed of any updates by visiting amtechnologies.com

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