

# PRODUCT OVERVIEW

## PLA

	NOZZLE TEMPERATURE	BED TEMPERATURE	MATERIAL DENSITY	CLOSED CHAMBER	DRY BOX	HARDENED NOZZLE	HEAT RESISTANT	EASE OF PRINT	TOUGHNESS	HARDNESS	IMPACT RESISTANCE	ULTIMATE TENSILE STRENGTH	ELONGATION AT BREAK
EasyFil ePLA	200 - 220°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	6	9	3	6	5
EasyFil PLA	200 - 220°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	6	5	4	6	5
Premium PLA	200 - 225°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	6	9	3	6	5
ReFill PLA	200 - 220°C	50 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	6	9	3	6	5
EasyFil PLA - Glow In The Dark	200 - 220°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Recommended	2	10	6	5	4	6	5
Galaxy PLA	200 - 230°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	6	9	3	6	5
Matt PLA	210 - 235°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Recommended	2	10	5	9	2	4	3
MetalFil	205 - 225°C	0 - 60°C	3.50g/cm³	Not Necessary	Not Necessary	Not Necessary	2	8	1	5	10	2	1
High Gloss PLA	215 - 245°C	50 - 60°C	1.22g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	3	3	3	4	1
High Gloss PLA - ColorMorph	215 - 245°C	50 - 60°C	1.22g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	3	3	3	4	1
StoneFil	215 - 240°C	0 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Recommended	2	10	6	9	3	6	5
EasyWood	210 - 240°C	40 - 60°C	1.15g/cm³	Not Necessary	Recommended	Not Necessary	2	8	5	9	1	5	5
BioWood Fil	180 - 230°C	50 - 60°C	1.26g/cm³	Not Necessary	Recommended	Not Necessary	2	8	7	9	3	4	1
Tough PLA	210 - 225°C	40 - 60°C	1.20g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	8	8	9	4	5
Volcano PLA	230 - 265°C	40 - 60°C	1.27g/cm³	Not Necessary	Not Necessary	Not Necessary	4	10	10	10	10	5	7
High Precision PLA	215 - 240°C	400 - 60°C	1.27g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	7	8	3	6	5

## PET[G]

EasyFil ePETG	235 - 255°C	80 - 90°C	1.27g/cm³	Not Necessary	Recommended	Not Necessary	3	8	6	6	5	5	4
EasyFil PET	235 - 240°C	80 - 85°C	1.34g/cm³	Not Necessary	Recommended	Not Necessary	3	8	6	7	7	5	4
ReFill PETG	230 - 245°C	75 - 90°C	1.29g/cm³	Not Necessary	Recommended	Not Necessary	3	8	6	6	5	4	4
High Precision PET	240 - 260°C	80 - 90°C	1.34g/cm³	Not Necessary	Recommended	Not Necessary	3	8	6	7	7	5	4
CarbonFil PETG CF10	240 - 265°C	75 - 85°C	1.19g/cm³	Not Necessary	Recommended	Recommended	3	8	9	9	5	10	3
HDglass [PETG]	230 - 255°C	60 - 80°C	1.27g/cm³	Not Necessary	Recommended	Not Necessary	3	8	6	6	5	5	4

## ABS

ABSpro	245 - 275°C	100 - 120°C	1.05g/cm³	Necessary	Necessary	Not Necessary	4	5	8	9	8	5	9
ABSpro Flame Retardant	240 - 265°C	100 - 120°C	1.17g/cm³	Necessary	Necessary	Not Necessary	10	5	8	9	3	9	5
EasyFil ABS	225 - 270°C	90 - 110°C	1.05g/cm³	Recommended	Recommended	Not Necessary	4	7	6	9	7	5	7
Premium ABS	220 - 270°C	90 - 110°C	1.03g/cm³	Recommended	Recommended	Not Necessary	4	7	6	9	7	5	7
TitanX [ABS]	240 - 260°C	70 - 100°C	1.10g/cm³	Recommended	Recommended	Not Necessary	4	7	8	10	10	5	10

## ASA

ApolloX [ASA]	235 - 255°C	80 - 100°C	1.07g/cm³	Necessary	Recommended	Not Necessary	4	9	6	7	7	5	9
ApolloX CF10 [ASA]	240 - 285°C	90 - 120°C	1.10g/cm³	Not Necessary	Recommended	Recommended	5	6	6	9	3	7	5
ApolloX Kevlar [ASA]	245 - 285°C	90 - 100°C	1.07g/cm³	Not Necessary	Recommended	Recommended	4	6	6	9	4	5	5

## FLEX

Centaur PP	220 - 240°C	70 - 85°C	0.90g/cm³	Not Necessary	Recommended	Not Necessary	6	6	6	3	10	2	8
Python Flex TPU 90A	230 - 255°C	60 - 75°C	1.22g/cm³	Not Necessary	Necessary	Not Necessary	4	7	3	1	10	5	10
Python Flex TPU 98A	230 - 255°C	60 - 75°C	1.09g/cm³	Not Necessary	Necessary	Not Necessary	4	8	5	5	10	6	10
FlexiFil TPC 30D	220 - 260°C	90 - 110°C	1.14g/cm³	Not Necessary	Recommended	Not Necessary	6	5	7	3	10	4	10
FlexiFil TPC 40D	220 - 260°C	90 - 110°C	1.14g/cm³	Not Necessary	Recommended	Not Necessary	6	5	7	4	10	4	10
Crystal Flex [SBC]	230 - 260°C	80 - 100°C	1.01g/cm³	Not Necessary	Necessary	Not Necessary	5	2	4	3	10	5	5

## RECYCLED

ReForm rPLA	200 - 230°C	40 - 60°C	1.24g/cm³	Not Necessary	Not Necessary	Not Necessary	2	10	5	8	2	5	5
ReForm rPET	200 - 240°C	65 - 75°C	1.23g/cm³	Not Necessary	Recommended	Not Necessary	3	8	5	8	5	5	4
ReForm rTitan [ABS]	240 - 260°C	80 - 90°C	1.10g/cm³	Recommended	Recommended	Not Necessary	4	7	8	10	10	4	10
ReForm rApollo [ASA]	235 - 255°C	80 - 100°C	1.11g/cm³	Recommended	Recommended	Not Necessary	4	9	6	7	7	5	9

## NYLON

STYX PA6	255 - 285°C	90 - 110°C	1.15g/cm³	Not Necessary	Necessary	Not Necessary	3	4	4	5	3	5	2
STYX PA6 - CF15	255 - 295°C	90 - 110°C	1.25g/cm³	Not Necessary	Necessary	Recommended	10	4	9	9	5	10	4
STYX PA6 - GF30	255 - 295°C	90 - 110°C	1.34g/cm³	Not Necessary	Necessary	Recommended	9	5	6	9	2	7	2
LUVOCOM 3F PAHT 9825	255 - 275°C	60 - 70°C	1.20g/cm³	Not Necessary	Necessary	Not Necessary	6	6	8	7	2	7	1
LUVOCOM 3F PAHT 9936	255 - 275°C	60 - 70°C	1.25g/cm³	Not Necessary	Necessary	Not Necessary	6	6	8	6	5	5	4
LUVOCOM 3F PAHT CF 9891	255 - 270°C	65 - 75°C	1.24g/cm³	Not Necessary	Necessary	Recommended	6	6	10	6	2	9	1

## HIGH TEMP

PEI ULTEM 1010	360 - 240°C	120 - 130°C	1.27g/cm³	Necessary	Necessary	Not Necessary	10	5	8	2	10	6	7
PEI ULTEM 9085	350 - 390°C	120 - 130°C	1.34g/cm³	Necessary	Necessary	Not Necessary	10	5	6	6	3	7	4
PPSU	360 - 400°C	120 - 130°C	1.29g/cm³	Necessary	Necessary	Not Necessary	10	4	3	5	10	4	1
LUVOCOM 3F PEEK 9581	370 - 420°C	120 - 130°C	1.31g/cm³	Necessary	Necessary	Not Necessary	10	3	6	7	8	5	3
LUVOCOM 3F PEEK CF 9676	400 - 450°C	120 - 130°C	1.36g/cm³	Necessary	Necessary	Recommended	10	4	8	9	4	8	1
LUVOCOM 3F PEKK 50082	320 - 360°C	120 - 130°C	1.27g/cm³	Necessary	Necessary	Not Necessary	10	2	6	7	5	6	3

## SUPPORT

AquaSolve	190 - 210°C	50 - 60°C	1.23g/cm³	Not Necessary	Necessary	Not Necessary	3	6	2	1	1	4	1
Atlas Support	180 - 210°C	50 - 60°C	1.23g/cm³	Not Necessary	Necessary	Not Necessary	3	6	3	2	1	4	1
EasyFil HIPS	220 - 260°C	90 - 110°C	1.05g/cm³	Not Necessary	Necessary	Not Necessary	4	3	3	4	4	1	2