

	Filaments	Features	Print Temperatures (°C)
PLA	PLA	Tougher than regular PLA, Biodegradable	205±10
	PLA-x3	Engineered for fast printing (> 120mm/s), ABS matching mechanical properties, great heat resistance at higher temperatures, negligible shrinkage after annealing.	230±10
	TPLA	Changes colour from grey <-> natural > 33° C, low warping	205±10
	MT-BRASS	Approx. 70% filled, 2 x heavier than PLA, ≥0.35 mm nozzle works	195±10
	MT-BRONZE	Approx. 80% filled, 3 x heavier than PLA, ≥0.35 mm nozzle works	210±10
	MT-COPPER	Approx. 80% filled, 3 x heavier than PLA, works with ≥0.35 mm nozzle	210±10
	WOOD	Feels & smells like wood, biodegradable, low warping	200±10
Styrene	ABS	Very high impact-resistance, stable printing	245±10
	ABS-X	Highly enhanced ABS, zero warp technology, reliable bed adhesion, high impact resistance	245±10
	ASA-X	Highly modified ASA, UV / Weather resistant, zero warp technology, excellent interlayer adhesion	245±10
	HIPS	Dissolves in D'limonene matt finish, virtually no warping, easy to glue.	245±10
	M-ABS	Transparent, translucent options, smells less than regular ABS	245±10
	PC-ABS	Interlayer adhesion. High impact resistance. High surface gloss	270±10
	PC-ABS V0	Flame retardant (UL-94 V0), halogen free, excellent interlayers adhesion	260±10
(co)Polyester	PET-G	High clarity, very tough, easy to print, odor Neutral, FCA	220±10
	CARBON-P	Extremely stiff, Incr. impact and heat resistance, low warping	235±10
	POLYCARBONATE	Great strength & stiffness, high optical clarity. Resistant to high temperatures up to 140 °C	280±10
	CPX	Easy to print polycarbonate substitute, High heat resistance (100 °C), High chemical resistance, Bisphenol-A free.	265±10
Flexible	GLASSBEND	92% light transmission, strong & flexible, FCA	260±10
	FLEX 45	Very flexible, strong, long term heat resistant, UV resistant	245±10
	TPU98A	Strong & Flexible. Works on Direct & Bowden style 3D printers. Printable at speeds of >75mm/s. FDA / FCA & water contact acceptable. Exceptionally high softening point of 138°C. 450% elongation at break.	235±10
Polyamide	PA-CX12	High-performance industrial grade nylon, Strong & Flexible, High impact, abrasion, crack & scratch resistance, Superior chemical & UV resistance	250±10
Polyolefin	POLYPROPYLENE	General purpose, easy to print. FCA. Excellent fatigue resistance. Chemical resistance. Microwave & Dishwasher safe	230±10
aesthetical	MT-BRASS	Approx. 70% filled, 2 x heavier than PLA, ≥0.35 mm nozzle works	195±10
	MT-BRONZE	Approx. 80% filled, 3 x heavier than PLA, ≥0.35 mm nozzle works	210±10
	MT-COPPER	Approx. 80% filled, 3 x heavier than PLA, works with ≥0.35 mm nozzle	210±10
	WOOD	Feels & smells like wood, biodegradable, low warping	200±10
	CARBON-P	Extremely stiff, Incr. impact and heat resistance, low warping	235±10
Support	PVA	Excellent water solubility, excellent adhesion to PLA	205±10
	PVA-M	Excellent water solubility, excellent adhesion to many types of different filaments. Excellent adhesion to PET-G.	215±10
	PVA-S	Excellent water solubility, excellent adhesion to ABS, ABS-X, ASA-X, TPU98A	245±10
		UNLESS OTHERWISE SPECIFIED, ALL OUR FILAMENTS ARE AVAILABLE IN 1.75MM AND 2.85MM DIAMETER	
Non Filaments	X-PELLETS	A wide variety of materials & colours, small and homogeneous granules	
	PATINA KIT	Patinas for metal filaments	