

Materials Guide

Material	Summary	Printing Temperature (°C)	Heated Bed Temperature (°C)	Print Speed	Fan Speed (%)	Adhesion	Special
PLA	Easy to print and low warp - ideal for general prototyping	205±10	≤60	Medium-High	50-100	hairspray, bluetape, glass, PEI	
PLA Matte	Matte-finish and textured feel	215±10	≤60	Medium-High	50-100	hairspray, bluetape, glass, PEI	Hardened steel nozzle advised
ePLA	Engineering-grade PLA with mechanical properties and heat resistance of 95°C+	230±10	50-60	Medium-High	75-100	hairspray, bluetape, glass, PEI	Drying advised
PLA Cosmic	Featuring non-toxic metallic flakes for that extra sparkle	205±10	≤60	Medium-High	50-100	hairspray, bluetape, glass, PEI	Nozzle: ≥0.4mm
PLA Tough	Easy to print and low warp - ideal for general prototyping	210±10	≤60°C	Medium/High	50-100	PEI, glass, hairspray, gluestick	Nozzle: ≥0.4mm
Wood	PLA-based; looks, smells and feels like wood	200±10	≤60	Medium-High	50-100	hairspray, bluetape, glass, PEI	Nozzle: ≥0.4mm
PETg ¹	Easy to print and durable - also food contact acceptable	240±10	≤70	Medium	50-100	hairspray, bluetape, glass, PEI	
PETG Colour ²	Easy to print and durable - also food contact acceptable	250±20	≤70°C	Medium	0-50	PEI or hairspray	Optional
Carbon Fibre	PET-based filament featuring 20% carbon fibre powder for extra rigidity	240±15	≤70	Medium	50-100	hairspray, bluetape, glass, PEI	Hardened steel nozzle; ≥0.5mm
ABS	High impact strength with minimal warping	245±10	≥100	Medium	0-25	hairspray, bluetape, glass, PEI	
ASA	Strong, minimal warping and UV resistant so perfect for outdoors	240±10	80-90	Medium	0-25	hairspray, bluetape, glass, PEI	

¹ Black, Transparent, White, Frost White | ² Grey, Silver, Blue, Green, Orange, Red

Please note: these ranges should work for most printers, but feel free to experiment to get the best results