

# Materials



Material	Summary	Print Temp	Bed Temp	Print Speed	Fan Speed	Flow Rate	Retraction	Special
<b>PLA</b>	Easy to print, low-warp	205±10°C	≤60°C	Medium/high	Medium/high	100%	DD: ±2mm   BT: ±5mm	-
<b>PLA Cosmic</b>	PLA with non-toxic, glitter flakes	205±10°C	≤60°C	Medium/high	Medium/high	100%	DD: ±2mm   BT: ±5mm	Nozzle: ≥0.4mm
<b>ePLA</b>	Engineering-grade, heat resistance >95 °C (after annealing)	230±10°C	50-60°C	Medium/high	Medium/high	103%	DD: ±2.5mm   BT: ±6.5mm	Drying advised
<b>PLA Matte</b>	Matte finish, hides layer lines	215±10°C	≤60°C	Medium/high	Medium/high	105%	DD: ±2mm   BT: ±5mm	Hardened steel nozzle advised
<b>Wood PLA</b>	Looks, smells and feels like Wood	200±10°C	≤60°C	Medium	Medium/high	104%	DD: ±3mm   BT: ±3mm	Nozzle: ≥0.4mm
<b>PETG<sup>1</sup></b>	Durable, low-warp and water resistant	240±10°C	≤70°C	Medium	Medium/low	95%	DD: ±3.5mm   BT: ±5mm	-
<b>PETG Colour<sup>2</sup></b>	Durable, low-warp and water resistant. 99.5% recycled material	250±20°C	≤70°C	Medium	Medium/low	95%	DD: ±3.5mm   BT: ±5mm	Optional
<b>Carbon-PETG</b>	80% PETg, 20% Carbon Fibre powder. Strong and lightweight.	240±15°C	≤70°C	Medium	Low/none	105%	DD: ±1.5mm   BT: ±4mm	Hardened steel nozzle; ≥0.5mm
<b>ABS</b>	Ultra low-warp, high impact strength.	245±10°C	≥100°C	Medium	Low/none	100%	DD: ±1.5mm   BT: ±4mm	-
<b>ASA</b>	Ultra low-warp, high impact strength, UV resistant	240±10°C	80-90°C	Medium	Low/none	100%	DD: ±2mm   BT: ±3mm	-

<sup>1</sup> Black, Transparent, White, Frost White | <sup>2</sup> Grey, Silver, Blue, Green, Orange, Red

DD = Direct Drive; BT = Bowden Tube

**Want to try some of these materials?**  
Samples available: [filamentive.com](https://filamentive.com)



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