

Filamentive Material Sustainability Summary Table

Material	Manufacturing Location	Bioplastic	Recycled Content ¹	Recycled Material Source ²	Biodegradable ? ³	Cardboard Spool? ⁴	ReFill?	Recycling Scheme Compatible ⁵	End-of-Life Guidance ⁶
PLA	EU	Yes	50%	Post-Industrial (PIR)	Industrial composting only	Yes	Yes	Yes	Mechanically recyclable; not accepted in kerbside recycling. Use Filamentive scheme.
PETg	EU	No	Up to 89%	Post-Industrial (PIR)	No	Yes	Yes	No	Specialist recycling may be available; not accepted in kerbside recycling.
CF-PETg	EU	No	100% (base polymer only)	Post-Industrial (PIR)	No	Yes	No	No	Not recyclable via standard routes; treat as composite waste. Reuse encouraged.
TPU 90A / 98A	EU	No	0%	N/A	No	Yes	No	No	Limited industrial recycling; otherwise general waste. Long product life encouraged.
PLA Wood	EU	Yes	0%	N/A (wood fibres not certified)	No	Yes	No	No	Not suitable for composting or recycling. Dispose via general waste.
PLA Cosmic	EU	Yes	0%	N/A (glitter additive)	No	Yes	No	Yes	Mechanically recyclable; not accepted in kerbside recycling. Use Filamentive scheme.
PLA Matte	EU	Yes	0%	N/A	Industrial composting only	Yes	No	Yes	Mechanically recyclable; not accepted in kerbside recycling. Use Filamentive scheme.
Tough PLA	EU	Yes	0%	N/A	Industrial composting only	Yes	No	Yes	Mechanically recyclable; not accepted in kerbside recycling. Use Filamentive scheme.
ASA	EU	No	0%	N/A	No	Yes	No	No	Not biodegradable or recyclable. General waste or industrial recovery recommended.

Footnotes

Disclaimer: This summary table is provided for informational purposes only. While Filamentive makes reasonable efforts to ensure the accuracy of the information, some data is based on third-party sources and may be subject to change. No warranties or guarantees are made regarding completeness or suitability for regulatory compliance. All users are advised to independently verify the data before making environmental claims or purchasing decisions in line with their sustainability policies.

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Notes:

1. Recycled Content: percentage by mass; based on supplier material declaration
2. Post-Industrial (PIR): material recovered from controlled manufacturing waste streams that would otherwise be discarded in landfill
3. Industrial Composting: typically requires sustained temperatures of $\geq 55^{\circ}\text{C}$ and specific microbial conditions
4. Cardboard Spool?: 0.75 kg, 1 kg and 2.3 kg product variants only
5. Recycling Scheme Compatible: always check with Filamentive directly
6. End-of-Life Guidance: applies to UK only. Check locally

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