



Technical Data Sheet

Material	Smart PLA
Print Temperature	210-240 °C
Table Temperature	0-60 °C
Print Speed (Volumetric)	15-20 mm³/s
Nozzle Size	0.4 mm
Nozzle Abrasion	None
Cooling Fan (%)	80-100
Drying Time	2-4 hours
Drying Temperature	30-40 °C
Enclosure Type	Open Frame
Enclosure Temperature	N/A
Support Withdrawal	Easy
Printer Compatibility	All FDM Desktop 3D Printers
Bambu AMS Compatibility	Yes
Print Difficulty	Very Easy
Print Detail	0.2 mm or higher
Finish	Smooth
Warping	None
Stringing	Low
Layer Bonding	Good
Moisture Resistance	Low
Flexibility	Low
Recycled Content	No
Recyclability	Yes (100% Biodegradable)
Temperature Resistance	60 °C
Colour Strength	High
Opacity	Opaque
Impact Resistance	High
Smell	None
Surface Treatment	Easy
Dissolution	Hard

This Technical Data Sheet is provided to support engineers who care about consistency and capability, not just competitive comparison.

If you're developing a part, validating a material, or solving a printing problem, Kelvra is keen to help you get the correct filament choice.