



## Technical Data Sheet

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Material</b>                 | <b>PLA</b>                         |
| <b>Print Temperature</b>        | <b>200-230 °C</b>                  |
| <b>Table Temperature</b>        | <b>0-60 °C</b>                     |
| <b>Print Speed (Volumetric)</b> | <b>12 mm<sup>3</sup>/s</b>         |
| <b>Nozzle Size</b>              | <b>0.4 mm</b>                      |
| <b>Nozzle Abrasion</b>          | <b>None</b>                        |
| <b>Cooling Fan (%)</b>          | <b>100</b>                         |
| <b>Drying Time</b>              | <b>2-4 hours</b>                   |
| <b>Drying Temperature</b>       | <b>30-40 °C</b>                    |
| <b>Enclosure Type</b>           | <b>Open Frame</b>                  |
| <b>Enclosure Temperature</b>    | <b>N/A</b>                         |
| <b>Support Withdrawal</b>       | <b>Easy</b>                        |
| <b>Printer Compatibility</b>    | <b>All FDM Desktop 3D Printers</b> |
| <b>Bambu AMS Compatibility</b>  | <b>Yes</b>                         |
| <b>Print Difficulty</b>         | <b>Very Easy</b>                   |
| <b>Print Detail</b>             | <b>0.2 mm or higher</b>            |
| <b>Finish</b>                   | <b>Smooth</b>                      |
| <b>Warping</b>                  | <b>None</b>                        |
| <b>Stringing</b>                | <b>Low</b>                         |
| <b>Layer Bonding</b>            | <b>Good</b>                        |
| <b>Moisture Resistance</b>      | <b>Low</b>                         |
| <b>Flexibility</b>              | <b>Low</b>                         |
| <b>Recycled Content</b>         | <b>No</b>                          |
| <b>Recyclability</b>            | <b>Yes (100% Biodegradable)</b>    |
| <b>Temperature Resistance</b>   | <b>60 °C</b>                       |
| <b>Colour Strength</b>          | <b>High</b>                        |
| <b>Opacity</b>                  | <b>Opaque</b>                      |
| <b>Impact Resistance</b>        | <b>High</b>                        |
| <b>Smell</b>                    | <b>None</b>                        |
| <b>Surface Treatment</b>        | <b>Easy</b>                        |
| <b>Dissolution</b>              | <b>Hard</b>                        |

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.