ComX Computers
Product Specification Sheet

3301010501

Soleyin UltraPLA 1kg 1.75mm - Grey

Product Overview

Soleyin UltraPLA 1kg 1.75mm - Grey. 3D print filament, vibrant colours, 300mm/s speed, Eco-friendly, Strong adhesion, Quick cooling and shaping.



Specifications

Overview summary:

Unlock high-speed, eco-friendly 3D printing with the**Soleyin UltraPLA 1kg 1.75mm Filament**. Designed for creators and professionals, this premium PLA filament supports**ultra-fast printing speeds up to 300mm/s**without sacrificing stability or quality. Crafted from**biodegradable plant-based materials**like corn and potatoes, it offers a**non-toxic, environmentally friendly**alternative for safe and sustainable printing.

Featuring**strong adhesion**, this filament minimizes warping, curling, and shrinkage-ensuring exceptional layer bonding and a **higher print success rate**. Optimized for**quick cooling and sharp detail retention**, it's perfect for intricate prints, rapid prototyping, multi-color models, and educational projects. The**vibrant color palette**delivers fresh, eye-catching finishes ideal for creative and functional prints alike.

With precise dimensional accuracy (+/-0.02mm), smooth extrusion, and compatibility with carbon crystalline and PEI platforms, Soleyin UltraPLA delivers**consistent, professional-grade results**across a wide range of 3D printers.

Overview

- Fresh vibrant color options
- 300mm/s speed accelerates creativity, delivering a fast and stable printing experience.
- Safe material and Eco-friendly
- Strong adhesion significantly minimizes issues such as shrinkage and curling, ensuring a higher printing success rate.
- Quick cooling and shaping

Vibrant Color Palette
Available in fresh vibrant finishes - perfect for multi-material and color-rich projects.

300mm/s High Speed PLA
Print faster without compromising stability -designed to support speeds up to 300 mm/s for efficient workflows

Safe Material and Eco-friendly
Ultra PLA is extracted and produced from renewable plant resources such as corn and potatoes, which reduces pollution to

the environment and is a safe and eco-friendly material.

Adhesion at Its Finest
Strong adhesion of Ultra PLA significantly minimized the issues such as shrinkage and curling, increasing overall print quality and success rate.

Reliable Cooling & Shape Retention
Optimized for quick cooling, this PLA helps maintain crisp details in fast prints - a key benefit for intricate parts.

Why Choose Soleyin Ultra PLA?

- Fast, Stable Printing: Safe to push speeds up to 300 mm/s with consistent extrusion and cooling.
- Better Print Results: Strong adhesion minimizes curling and shrinkage for higher-quality outcomes.
- Biodegradable & Non-Toxic: Plant-based formula is eco-friendly and user-safe.
- Precision and Reliability: Tight diameter tolerances (+/-0.02 mm), smooth winding, and vacuum sealing reduce clogs and feed issues.
- Versatile Color Lineup: Offers a variety of vibrant colours, ideal for both detailed and colorful prints.

Ideal Use-Cases

- Rapid prototyping for engineers & designers
- Decorative prints with smooth finishes
- Multi-color model production
- Educational projects (safe for home/children)

Specifications:

- Density: 1.25 g/cm³
- Elongation at break (X-Y): 12.897%
- Flexural strength (X-Y): 70.696 MPa
- Dimensional Accuracy/Tolerance: +-0.02 mm
- Printing temperature: 190-230 degreesC
- Hot bed temperature: 45-60 degreesC
- Printing speed: 30-300 mm/s
- Recommended fan speed: 100%
- Wire diameter: 1.75mm
- Net weight: 1Kg/2.2lb
- Gross weight: 1.29Kg/2.8lb
- Packing size: 210*210*70mm
- Printing platform: carbon crystalline silicon, PEI platform board

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/3301010501-Soleyin-UltraPLA-1kg-1-75mm-Grey-p-325263.php

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