eSUN ePLA-HS High Speed PLA 3D Printer Filament 1.75mm 1kg

LKR 6,704.76

- **1kg Spool** of high-quality **eSUN PLA-HS High-Speed 3D Printer Filament** (1.75mm)
- **Optimised for High-Speed Printing** – Achieve speeds up to 350mm/s with

excellent precision.

- **Stronger & More Durable than Standard PLA** – Improved impact resistance for long-lasting prints.
- **Low Shrinkage & Minimal Warping** – Ensures dimensional accuracy and stable prints.
- **Compatible with Most 3D Printers** – Works seamlessly with standard FDM machines.

Print Faster Without Sacrificing Quality

Tired of waiting hours for your 3D prints to finish? The **eSUN ePLA-HS High Speed PLA 3D Printer Filament 1.75mm 1kg** is engineered to deliver top-notch speed without compromising on precision. Designed for high-speed 3D printing, this filament offers exceptional flow stability, enabling faster extrusion and stronger layer adhesion. Whether you're a hobbyist or a professional, you'll love how effortlessly this filament produces smooth, detailed prints.

At *Master3D*, we know that speed and quality go hand in hand. That's why this advanced PLA formula is optimized for rapid movement while maintaining structural integrity. Say goodbye to warping, stringing, or brittle prints—this filament ensures crisp details and durable results. Ideal for prototypes, mechanical parts, or artistic models, it's the ultimate choice for efficiency-driven makers.

FAQs

1. **Q. Can I use this filament on a standard 3D printer?**
   A. Yes! While it's optimised for high-speed printing, it also works on standard 3D printers with fine-tuned settings.
2. **Q. What temperature should I use for printing?**
   A. For best results, set the nozzle temperature between 200-230°C and the heated bed to 45-60°C.
3. **Q. Is this filament brittle like regular PLA?**
   A. Not at all! eSUN ePLA-HS has improved impact resistance, making it tougher than standard PLA while still easy to print.

Why Choose eSUN ePLA-HS?

Crafted with speed in mind, this filament is perfect for printers capable of high-flow

rates. Its excellent thermal stability and low shrinkage guarantee flawless prints every time. Plus, it works seamlessly with most FDM 3D printers, making it a hassle-free upgrade for your setup.

Key Features:

- **High-Speed Printing** – Optimized for speeds up to 350mm/s without loss of detail.
- **Superior Layer Adhesion** – Ensures strong, durable prints with minimal warping.
- **Low Shrinkage & Excellent Stability** – Maintains dimensional accuracy for complex models.
- **Smooth Surface Finish** – Reduces post-processing time with polished results.
- **Wide Compatibility** – Works with most 3D printers supporting 1.75mm PLA filament.

Specification	Details
Filament Diameter	1.75mm ± 0.02mm
Net Weight	1kg
Printing Speed	Up to 350mm/s
Recommended Nozzle Temperature	200-230°C
Recommended Bed Temperature	45-60°C
Density	1.24 g/cm³
Tensile Strength	≥ 60 MPa
Elongation at Break	≥ 8%
Impact Strength	≥ 7 kJ/m²
Spool Dimensions	Standard 200mm outer diameter, 60mm inner hole
Printing Compatibility	Compatible with most FDM 3D printers

Disclaimer: Dimensions and weight may vary slightly due to manufacturing tolerances. Images are for reference only, and actual product appearance may differ.