# eSUN PETG 3D Printer Filament 1.75mm 1kg

## LKR 6,363.84



- **Strong & Durable** – Combines the toughness of ABS with the ease of PLA for impact-resistant prints.
- **Crystal-Clear Finish** – Produces glossy, high-transparency prints with excellent layer adhesion.

- **Easy to Print** – Low warping, minimal stringing, and smooth extrusion for hassle-free 3D printing.
- **Heat & Chemical Resistant** – Ideal for functional parts that need extra durability and stability.

## eSUN PETG 3D Printer Filament 1.75mm 1kg

Looking for a filament that combines strength, clarity, and ease of use? The eSUN PETG 3D Printer Filament 1.75mm 1kg might just be your perfect match. This filament blends the robustness of ABS with the user-friendly nature of PLA, making it a top choice for both beginners and seasoned 3D printing enthusiasts.

## Why Choose eSUN PETG Filament?

At *Master3D*, we understand the importance of quality materials. The eSUN PETG filament offers excellent clarity and a glossy finish, ensuring your prints not only perform well but also look stunning. Its high toughness and impact resistance make it ideal for creating durable parts, while its chemical and water resistance open up a plethora of application possibilities.

## Key Features:

- **Diameter:** 1.75mm
- **Weight:** 1kg spool
- **Print Temperature:** 230°C - 250°C
- **Bed Temperature:** 75°C - 90°C
- **Tensile Strength:** 50 MPa

Printing with eSUN PETG is a breeze. It boasts minimal warping and excellent layer adhesion, ensuring smooth and hassle-free prints. Plus, its hydrophobic nature means it doesn't absorb moisture from the air, reducing the risk of nozzle clogs and ensuring consistent print quality.

## Frequently Asked Questions:

1. **Q. Is a heated bed necessary for printing with eSUN PETG?**
   A. A heated bed is recommended, with an optimal temperature between 75°C and 90°C, to ensure proper adhesion and minimize warping.

2. **Q. Can I use eSUN PETG with my existing 3D printer?**
   A. Absolutely! eSUN PETG is compatible with most FDM 3D printers that support 1.75mm filament.
3. **Q. How should I store the filament when not in use?**
   A. To maintain its quality, store the filament in a cool, dry place, preferably in a sealed bag with desiccant to prevent moisture absorption.

Elevate your 3D printing projects with the reliable and versatile eSUN PETG filament, available now at *Master3D*.

| Feature | Details |
| --- | --- |
| **Filament Type** | PETG (Polyethylene Terephthalate Glycol) |
| **Brand** | eSUN |
| **Diameter** | 1.75mm ± 0.05mm |
| **Weight** | 1kg (Net Weight) |
| **Print Temperature** | 230°C - 250°C |
| **Bed Temperature** | 75°C - 90°C |
| **Density** | 1.27 g/cm³ |
| **Tensile Strength** | 50 MPa |
| **Elongation at Break** | 120% |
| **Flexural Modulus** | 2100 MPa |
| **Impact Strength** | 7.5 KJ/m² |
| **Nozzle Compatibility** | Works with standard 1.75mm FDM nozzles |
| **Color Options** | Multiple colors available |
| **Recommended Print Speed** | 40 - 100 mm/s |
| **Moisture Absorption** | Low, but recommended to store in a dry environment |
| **Shelf Life** | 12+ months when stored properly |

**Disclaimer:** The actual **dimensions and weight may vary slightly** due to manufacturing tolerances. Product images are for **reference only** and may differ slightly from the actual product.