

AHPLGD-10

Anycubic PLA Basic Filament 1kg - Gold

Product Overview

Anycubic PLA Basic Filament 1kg - Gold, PLA Filament for FDM 3D printers, Precise 1.75mm Diameter, Compatible with FDM 3D printers using 1.75mm Filament, Printing temperature range 190-230 Degrees C, Heated bed temperature 55-56 Degrees C, Recommended printing Speed 50-200 mm/s, Nozzle size recommended 0.2 mm or above, ACE compatibility supported



Specifications

Overview Summary:

Upgrade your FDM 3D printing projects with the Anycubic PLA Basic Filament in a vibrant Gold finish. Designed for South African creators who demand reliability, this 1kg spool ensures precise extrusion and bubble-free output for consistently clean results every time you print.

Whether you are prototyping functional parts or crafting decorative models, this filament offers a warm, striking gold tone that brings your designs to life. The neatly wound spool minimizes tangles, making it perfect for extended print runs without interruption.

Secure your supply of high-quality printing material today and experience the difference with Anycubic. Buy now to start creating impressive 3D prints effortlessly.

Performance tier:Standard**Uses:**Prototyping, decorative models, functional parts, general FDM printing**Overview:**

The Anycubic PLA Basic Filament in Gold is a dependable choice for FDM 3D printing enthusiasts seeking consistent results with a striking warm tone. Designed for everyday use, this 1kg spool ensures precise extrusion and bubble-free output, making it ideal for prototyping, decorative models, or functional parts. The filament is neatly wound to minimize tangles during longer print runs, providing a smooth feeding experience that helps you achieve clean, reliable prints session after session.

Description:

The Anycubic PLA Basic Filament (Part Number AHPLGD-10) combines ease of use with premium quality, delivering vibrant gold results for your projects. This 1kg spool is engineered for precise extrusion and bubble-free printing, ensuring high-quality finishes without the frustration of clogs or tangles. Perfect for FDM printers, this PLA material offers a wide compatibility range and straightforward printing parameters, allowing you to focus on creativity rather than troubleshooting.

Features:**Why This Filament Stands Out**

Choosing the right filament is crucial for successful prints, and this gold PLA delivers exactly what users need. The consistent diameter ensures smooth flow through the nozzle, while the bubble-free formulation prevents defects in your final models. Whether you are running a quick prototype or a large batch of parts, the neat winding on the spool keeps feeding issues at bay, making it a hassle-free option for both beginners and experienced makers.

To get the best performance from this filament, it is recommended to dry it out before use under specific conditions. The printing parameters are optimized for standard FDM machines, allowing for a wide range of speeds and temperatures depending on your specific printer setup. This versatility makes it suitable for various applications, from detailed miniatures to larger functional components.

Key Specifications

- Diameter: 1.75mm compatible with most FDM printers
- Colour Code: Gold (#FFB81C)
- Material Type: PLA Filament
- Printing Temperature: 190-230 degreesC
- Heated Bed Temperature: 55-56 degreesC
- Recommended Printing Speed: 50-200 mm/s

For those looking to optimize their print settings further, the filament has a melting point temperature of 166 degreesC and a recommended nozzle size of 0.2 mm or above. The density is 1.24 g/cm, and it supports a maximum volume speed (flow rate) of 12 mm/s. Cooling time is typically around 8 seconds, ensuring rapid solidification for intricate details.

The mechanical properties of this PLA are robust, with a tensile strength of 48+/-5 Mpa and a bending strength of 90+/-3 MPa. It features a Young's modulus of 2534+/-85 Mpa and an elongation at break of 8+/-1%. The heat deflection temperature is 54 degreesC under 0.45MPa, while the Vicat softening temperature sits at 55 degreesC, providing reliable performance in standard environments.

Additional technical data includes a melt index of 4~10 g/10 min measured at 190 degreesC /2.16 kg and an Izod impact strength (X-Y) of 22+/-2 kJ/m² . The tensile strength in the Z-axis is 26+/-1 MPa, ensuring good layer adhesion. This product weighs exactly 1000g per spool and is fully compatible with ACE systems.

Drying Recommendations

- Condition: Dry out before use for best results
Temperature: 45-50 degreesC
Duration: 6-8 hours

The Anycubic PLA Basic Filament (SKU AHPLGD-10) is packaged to maintain its quality, ensuring it arrives ready for your next project. Its compatibility with ACE systems and standard FDM printers makes it a versatile addition to any maker's supply chain.

What's in the Box

- Anycubic PLA Basic Filament 1kg - Gold x1

Specifications:

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Specifications

Product Code	AHPLGD-10
Colour Code	Gold(#FFB81C)
Consumable Type	PLA Filament
Compatible With	FDM 3D Printers with 1.75mm filament compatibility
Dry Out Before Use	Recommended
Drying Condition	45-50 degreesC, 6-8 h
ACE Compatibility	Compatible
Nozzle Size	Recommended 0.2 mm or above
Printing Temperature	190-230 degreesC
Heated Bed Temperature	55-56 degreesC
Recommended Printing Speed	50-200 mm/s
Cooling Time	8 s
Maximum Volume Speed (Flow Rate)	12 mm ³ /s
Density	1.24 g/cm ³
Melt Index	4~10 g/10 min (190 degreesC/2.16 kg)
Melting Point Temperature	166 degreesC
Vicat Softening Temperature	55 degreesC
Heat Deflection Temperature (0.45MPa)	54 degreesC
Young's Modulus	2534+/-85 Mpa
Tensile Strength	48+/-5 Mpa
Elongation at Break	8+/-1%
Bending Modulus	3360+/-100 Mpa
Bending Strength	90+/-3 MPa

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Product Specification Sheet

Izod Impact Strength (X-Y)	22+/-2 kJ/m ²
Tensile Strength (Z)	26+/-1 MPa
Product Weight	1000g

FAQ

Is this filament compatible with my FDM printer?

The Anycubic PLA Basic Filament 1kg - Gold is designed for FDM 3D printers that support 1.75mm filament, and it works seamlessly with ACE systems.

What are the recommended printing temperatures for this gold filament?

For optimal results, set your printer's nozzle temperature between 190-230 degreesC and use a heated bed at 55-56 degreesC . The material also has a melting point of 166 degreesC.

Should I dry the filament before using it?

Yes, drying is recommended to ensure bubble-free output. Place the spool in a dryer at 45-50 degreesC for 6-8 hours prior to printing.

What nozzle size should I use with this filament?

We recommend using a nozzle size of 0.2 mm or larger to achieve precise extrusion and avoid feeding issues during print runs.

How much material is included in the package?

The product comes as a single 1kg (1000g) spool, which provides enough filament for extended printing sessions and large projects.

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/AHPLGD-10-Anycubic-PLA-Basic-Filament-1kg-Gold-Buy-p-341326.php>

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