

AHPLPBW-10

Anycubic PLA+ Filament 1kg - White

Product Overview

Anycubic PLA+ Filament 1kg - White, Dry out before use recommended, Ace compatibility, Recommended 0.2 mm or above nozzle size, 190-230 Degrees C printing temperature, 50-200mm/s recommended printing Speed, 9s cooling time



Specifications

Overview Summary:

The Anycubic PLA+ Filament 1kg in White is a dependable choice for creating strong, clean, and consistent 3D prints. Designed for all 1.75mm FDM printers, it delivers smooth extrusion, excellent dimensional accuracy, and improved toughness compared to standard PLA, making it suitable for both beginners and experienced makers. Buy now to achieve reliable printing results with minimal effort.

Ideal for hobby, education, and professional projects, this eco-friendly PLA+ filament offers easy print settings and a reusable spool for hassle-free operation. Whether you're printing decorative models or functional parts, shop now and enjoy dependable print quality for your next project.

Performance tier:Mid to High Performance

Uses: Functional prototypes, toys, decorative models, cosplay props, educational projects, hobby printing, creative designs, replacement parts

Overview:

Anycubic PLA+ Filament 1kg White

The Anycubic PLA+ Filament 1kg White is a durable, easy-to-print 3D printing filament designed for makers, hobbyists, educators, and professionals looking for stronger prints than standard PLA. Manufactured using premium plant-based materials, it delivers approximately twice the toughness of conventional PLA while maintaining the simple printing characteristics that make PLA one of the most popular filament choices. With excellent dimensional accuracy, smooth extrusion, and reliable layer adhesion, this filament is ideal for decorative models, toys, prototypes, and functional parts that need improved durability.

Its precise diameter tolerance of less than ± 0.02 mm helps reduce nozzle blockages while producing clean surfaces and consistent print quality. Compatible with all 1.75 mm FDM 3D printers, it also supports intelligent filament recognition on compatible Anycubic ACE systems for an even more convenient printing experience.

Description:

Designed to deliver dependable print quality with enhanced mechanical strength, the Anycubic PLA+ Filament 1kg White offers an excellent balance of durability, ease of use, and consistent performance. It prints using standard PLA settings, making it suitable for beginners while providing the improved toughness experienced users expect from PLA+. The reusable spool helps minimise tangles, while low-odour, plant-based material creates a more comfortable printing environment. Part Number AHPLPBW-108 is an excellent choice for anyone producing reliable everyday 3D prints.

Features:

Why Choose Anycubic PLA+

Compared to standard PLA, this PLA+ formulation offers greater impact resistance and improved toughness without making printing more complicated. Whether creating display models, cosplay accessories, educational projects, or functional components, it produces reliable results with smooth surface finishes and excellent dimensional accuracy.

Key benefits include:

- Approximately twice the toughness of standard PLA for stronger finished prints
- Consistent extrusion with diameter tolerance below ± 0.02 mm
- Compatible with virtually all 1.75 mm FDM 3D printers
- Eco-friendly plant-based material with reduced printing odour
- Intelligent filament recognition support on compatible Anycubic ACE printers
- Reusable spool design helps reduce tangles and filament waste

Printing Performance

The filament is designed for reliable printing across a wide range of machines without requiring unusual settings. Standard PLA temperatures and print speeds make setup quick and straightforward while maintaining excellent layer adhesion and surface quality.

Recommended settings:

- Filament colour: White (#EFF0F1)
- Filament weight: 1kg
- Filament diameter: 1.75 mm
- Dry before use: Recommended
- Drying conditions: 45 to 50 degrees C for 6 to 8 hours

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Product Specification Sheet

- Nozzle size: 0.2 mm or larger
- Printing temperature: 190 to 230 degrees C
- Heated bed temperature: 55 to 65 degrees C
- Recommended print speed: 50 to 200 mm/s
- Cooling time: 9 seconds
- Maximum volumetric flow rate: 12 mm³/s

Material Properties

The premium PLA+ formulation combines strength with dependable printability, making it suitable for both decorative and practical applications.

Performance data:

- Density: 1.21 g/cm³
- Melt index: 4 to 10 g/10 min (190 degrees C / 2.16kg)
- Melting point: 162 degrees C
- Heat deflection temperature (0.45 MPa): 50 degrees C
- Young's modulus: 2790 +/-250 MPa
- Tensile strength: 45 +/-5 MPa
- Tensile strength (Z): 23.8 +/-0.4 MPa
- Elongation at break: 12 +/-1%
- Bending modulus: 3980 +/-360 MPa
- Bending strength: 82 +/-8 MPa
- Izod impact strength (X-Y): 28 +/-1 kJ/m²

Compatible Applications

This filament is suitable for a wide variety of everyday 3D printing projects, including:

- Toys
- Decorative models
- Display pieces
- Cosplay props
- Creative projects
- Functional prototypes
- Educational models

The reusable spool supports cleaner filament management, while intelligent identification is available on compatible printers. When ordering or requesting support, refer to Part Number / SKU AHPLPBW-108.

Package Contents

- 1 x Anycubic PLA+ Filament 1kg White

Specifications:

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Specifications

Product Code	AHPLPBW-10
Colour	White (#EFF0F1)

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Product Specification Sheet

Dry Out Before Use	Recommended
Drying Condition	45-50degreesC, 6-8h
ACE Compatibility	Compatible
Nozzle Size	Recommended 0.2 mm or above
Printing Temperature	190-230 degreesC
Heated Bed Temperature	55-65 degreesC
Recommended Printing Speed	50-200 mm/s
Cooling Time	9 s
Maximum Volume Speed (Flow Rate)	12 mm ³ /s
Density	1.21 g/cm ³
Melt Index	4~10 g/10 min (190degreesC/2.16kg)
Melting Point Temperature	162 degreesC
Heat Deflection Temperature (0.45MPa)	50 degreesC
Young's Modulus	2790+/-250 MPa
Tensile Strength	45+/-5 MPa
Elongation at Break	12+/-1%
Bending Modulus	3980+/-360 MPa
Bending Strength	82+/-8 MPa
Izod Impact Strength (X-Y)	28+/-1 kJ/m ²
Tensile Strength (Z)	23.8+/-0.4 MPa
Filament Type	General filaments
Recommend to Print	Toys, decorative parts, and fandom
Intelligent Identification	Supported
Reusable Filament Spool	Supported

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/AHPLPBW-10-Ancubic-PLA-Filament-1kg-White-Buy-p-340907.php>

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Product Specification Sheet

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