

AHPLPO-10

Anycubic PLA Basic Filament 1kg - Purple

Product Overview

Anycubic PLA Basic Filament 1kg - Purple, PLA Filament consumable Type, FDM 3D printers with 1.75mm Filament compatibility, Dry out before use recommended, Ace compatibility, Recommended 0.2 mm or above nozzle size, 190-230 Degrees C printing temperature, 8s cooling time, 50-200 mm/s recommended printing Speed



Specifications

Overview Summary:

The Anycubic PLA Basic Filament 1kg in Purple is a reliable choice for FDM 3D printing projects requiring consistent extrusion and a vibrant finish. Designed for broad compatibility with 1.75mm filament FDM printers, this PLA filament offers easy printing with recommended temperatures of 190-230degrees C and speeds from 50-200 mm/s.

Create colourful models, prototypes, toys, decorative parts and creative prints with this neatly wound 1kg spool. Shop now and buy the Anycubic PLA Basic Filament 1kg Purple for dependable 3D printing results.

Performance tier:Standard

Uses:3D printing, prototypes, educational models, toys, decorative parts, creative projects

Overview:

Premium Purple PLA Filament for Reliable 3D Printing

The Anycubic PLA Basic Filament 1kg - Purple is designed to deliver dependable, high-quality results across a wide range of FDM 3D printers. Manufactured for smooth and consistent extrusion, this 1.75mm PLA filament helps reduce printing issues while producing clean, detailed prints with an eye-catching purple finish. Whether you are creating prototypes, decorative models, educational projects, or everyday prints, this filament offers an excellent balance of print quality, ease of use, and dependable performance.

Supporting nozzle temperatures between 190 and 230 degrees C and recommended print speeds from 50 to 200 mm/s, it adapts easily to different printing styles, from high-detail models to faster production jobs. Its neatly wound 1kg spool promotes reliable feeding for uninterrupted printing sessions.

Description:

Bring your 3D printing projects to life with Anycubic PLA Basic Filament 1kg in Purple. Designed for consistent extrusion and reliable print quality, this filament delivers vibrant colour, smooth surface finishes, and dependable performance across compatible FDM 3D printers. Its easy-to-print PLA formulation makes it suitable for beginners and experienced makers alike, while compatibility with ACE systems adds extra convenience for supported printing setups. Part Number AHPLPO-107 is an excellent choice for creative models, functional parts, educational projects, and decorative prints.

Features:

Why Choose This PLA Filament

- Bright purple finish for visually striking prints
- 1.75mm filament compatible with most FDM 3D printers
- 1kg spool for extended printing sessions
- Smooth, bubble-free extrusion for consistent results
- Neatly wound spool helps minimise tangles and feeding interruptions
- Beginner-friendly PLA material that is easy to print
- Suitable for prototypes, hobby projects, display models, toys, and decorative items

Printing Guidelines

For the best printing experience, dry the filament before use and print using the recommended settings below.

- Printing temperature: 190 to 230 degrees C
- Heated bed temperature: 55 to 56 degrees C
- Recommended print speed: 50 to 200 mm/s
- Recommended nozzle size: 0.2mm or larger
- Cooling time: 8 seconds
- Drying recommendation: 45 to 50 degrees C for 6 to 8 hours
- ACE compatible

Technical Details

- Product: Anycubic PLA Basic Filament
- Colour: Purple
- Colour code: #6A6DCD
- Material: PLA
- Filament diameter: 1.75mm
- Spool weight: 1kg
- Compatible with FDM 3D printers supporting 1.75mm filament
- Maximum volume speed: 12 mm³/s

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Product Specification Sheet

- Density: 1.24 g/cm³
- Melt index: 4 to 10 g/10 min (190 degrees C / 2.16kg)
- Melting point: 166 degrees C
- Vicat softening temperature: 55 degrees C
- Heat deflection temperature (0.45MPa): 54 degrees C

Material Performance

The PLA formulation offers dependable mechanical properties suitable for a broad range of everyday 3D printing applications.

- Young's modulus: 2534 plus or minus 85 MPa
- Tensile strength: 48 plus or minus 5 MPa
- Tensile strength (Z): 26 plus or minus 1 MPa
- Elongation at break: 8 plus or minus 1%
- Bending modulus: 3360 plus or minus 100 MPa
- Bending strength: 90 plus or minus 3 MPa
- Izod impact strength (X-Y): 22 plus or minus 2 kJ/m²

The Anycubic PLA Basic Filament in Purple offers an excellent combination of vibrant colour, dependable print quality, and easy handling. Whether you are upgrading your material collection or looking for a reliable everyday PLA, Part Number AHPLPO-107 provides consistent performance across a wide variety of FDM 3D printing projects.

Package Contents

- 1 x Anycubic PLA Basic Filament 1kg - Purple

Specifications:

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Specifications

Product Code	AHPLPO-10
Colour Code	Purple (#6A6DCD)
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

ComX Computers

Product Specification Sheet

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

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/AHPLPO-10-Anycubic-PLA-Basic-Filament-1kg-Purple-Buy-p-340885.php>

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