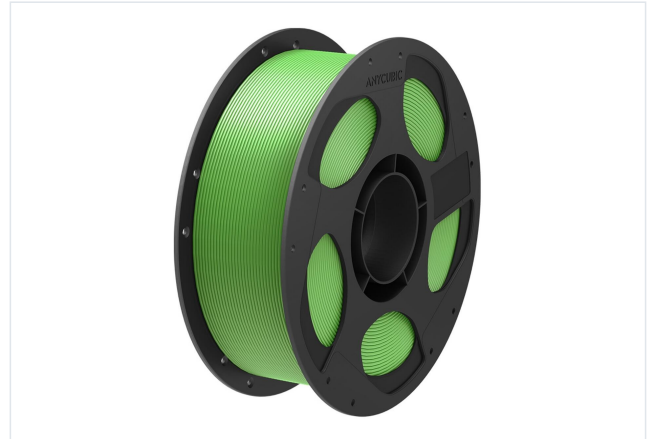


AHPLP19-10

Anycubic PLA+ Filament 1kg - Spring Leaf

Product Overview

Anycubic PLA+ Filament 1kg - Spring Leaf, 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 Spring Leaf is an excellent choice for reliable, high-quality 3D printing. Designed for 1.75mm FDM printers, it offers enhanced toughness, consistent extrusion, and smooth print finishes while remaining easy to use with standard PLA printing settings. Its eco-friendly plant-based material also helps reduce printing odours for a more comfortable workspace.

Whether you're producing decorative models, toys, or functional components, this filament delivers dependable performance with minimal clogging and excellent dimensional consistency. Buy now to achieve strong, clean prints, or shop now to add premium Anycubic PLA+ filament to your next 3D printing project.

Performance tier:Mid to High Performance

Uses: 3D printing, functional prototypes, toys, decorative models, creative projects, hobby printing, educational projects, maker applications

Overview:

Anycubic PLA+ Filament 1kg Spring Leaf 1.75mm

The Anycubic PLA+ Filament 1kg in Spring Leaf is a high-toughness 3D printing material designed for hobbyists, educators, makers, and professionals looking for stronger prints without the complexity of advanced materials. Manufactured from premium plant-based raw materials, it delivers approximately twice the toughness of standard PLA, making it an excellent choice for toys, decorative items, cosplay accessories, prototypes, and functional parts that require improved durability.

With a precise diameter tolerance of less than plus or minus 0.02 mm, the filament provides smooth, reliable extrusion that helps reduce nozzle clogging while producing clean surface finishes. It uses standard PLA printing settings, making it easy to print on virtually any 1.75 mm FDM 3D printer. The reusable spool design helps minimise tangles, while support for intelligent filament recognition on compatible Anycubic printers adds even greater convenience.

Description:

Designed for dependable everyday 3D printing, the Anycubic PLA+ Filament combines excellent print quality with improved strength and easy handling. Its consistent extrusion, low-odour plant-based composition, and wide printer compatibility make it suitable for beginners and experienced users alike. Whether you are creating display models, educational projects, prototypes, or practical components, this Spring Leaf filament produces attractive, durable prints with minimal setup. Part number AHPLP19-108 is also compatible with Anycubic ACE-supported systems for automatic filament recognition where supported.

Features:

Why Choose Anycubic PLA+

Compared to standard PLA, this enhanced PLA+ formulation offers improved toughness while maintaining the simple printing characteristics users expect. The carefully controlled manufacturing process ensures consistent filament diameter for dependable feeding and high-quality print results throughout the entire spool.

Key benefits include:

- Approximately twice the toughness of standard PLA for stronger finished prints
- Precision diameter tolerance of less than plus or minus 0.02 mm for reliable extrusion
- Compatible with all 1.75 mm FDM 3D printers
- Eco-friendly plant-based material with reduced odour during printing
- Reusable spool designed to help reduce filament tangling
- Supports intelligent filament identification on compatible Anycubic printers including ACE Pro
- Ideal for decorative models, toys, creative projects, prototypes, and fandom creations

Printing Information

For optimal print quality, drying the filament before use is recommended.

Recommended settings:

- Nozzle temperature: 190 to 230 degrees C
- Heated bed temperature: 55 to 65 degrees C
- Recommended nozzle size: 0.2 mm or larger
- Recommended print speed: 50 to 200 mm/s
- Cooling time: 9 seconds
- Drying conditions: 45 to 50 degrees C for 6 to 8 hours
- Maximum volumetric flow rate: 12 mm³/s

Material Details

The PLA+ formulation is engineered to provide dependable mechanical performance while remaining easy to print.

Technical highlights:

- Colour: Spring Leaf (#89A84F)
- Filament diameter: 1.75 mm
- Density: 1.21 g/cm3
- Melting point: 162 degrees C
- Heat deflection temperature: 50 degrees C
- Melt index: 4 to 10 g/10 min (190 degrees C / 2.16 kg)
- Young's modulus: 2790 plus or minus 250 MPa
- Tensile strength: 45 plus or minus 5 MPa
- Tensile strength (Z): 23.8 plus or minus 0.4 MPa
- Elongation at break: 12 plus or minus 1%
- Bending modulus: 3980 plus or minus 360 MPa
- Bending strength: 82 plus or minus 8 MPa
- Izod impact strength (X-Y): 28 plus or minus 1 kJ/m2

Ideal Applications

This PLA+ filament is well suited for a wide variety of everyday 3D printing projects, including:

- Decorative models
- Toys
- Display pieces
- Cosplay accessories
- Fan creations
- Educational projects
- Functional prototypes
- Creative hobby printing

Package Contents

- Anycubic PLA+ Filament 1kg Spring Leaf x1

Specifications:

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Specifications

Product Code	AHPLP19-10
Colour	Spring Leaf (#89A84F)
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

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Product Specification Sheet

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/AHPLP19-10-Ancubic-PLA-Filament-1kg-Spring-Leaf-Buy-p-340903.php>

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