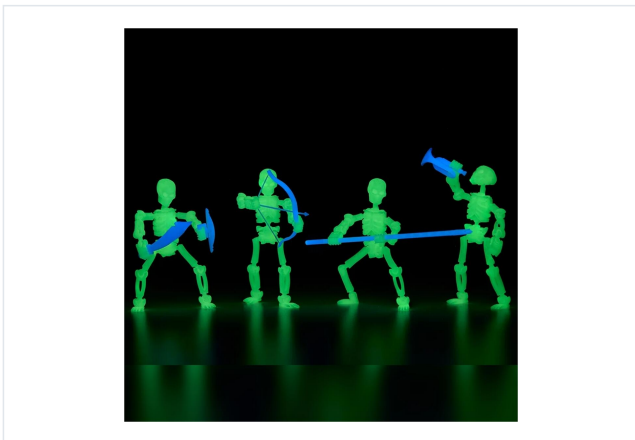
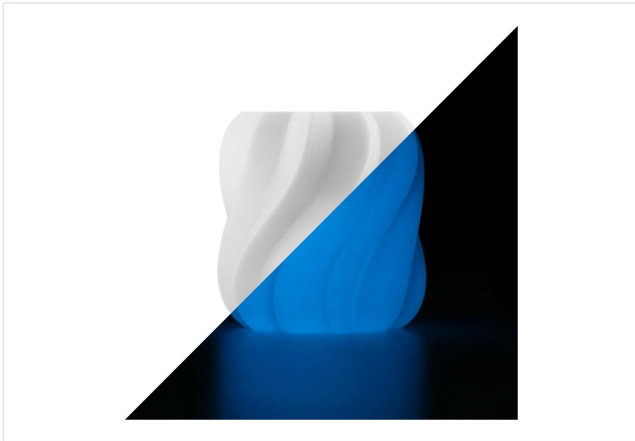


HFGBL-10

Anycubic PLA Glow Filament - White (Blue Glow)

Product Overview

Anycubic PLA Glow Filament - White (Blue Glow), Compatible with All 1.75 mm FDM printers, Brief charge under sunlight activates up to two hours of continuous Blue Glow, Eco-Friendly material free of Heavy metals and radioactive particles, Printing temperature range of 200-230 degree C, Heated bed temperature between 60-70 degree C, Recommended printing Speed of 50-250 mm/s, Requires nozzle size of 0.4 mm or larger, Excellent resistance to bending and tearing for durable prints, Suitable for decorative items like Night lights and figurines





Specifications

Overview Summary:

Enhance your 3D printing projects with the Anycubic PLA Glow Filament in White (Blue Glow), now available for purchase in South Africa. This eco-friendly, heavy-metal-free material glows a striking blue after exposure to sunlight, making it perfect for creating night lights, decorative figurines, and unique holiday items. Designed for reliability, this 1kg spool prints smoothly on all standard 1.75 mm FDM printers with minimal clogging.

Whether you are an experienced maker or just starting out, this filament offers consistent results and durable prints that stand out in the dark. Take advantage of its reusable spool design to keep your workspace tidy while producing high-quality aesthetic items. Don't miss the chance to add a luminous touch to your creations-buy now from our online store.

Performance tier:High

Uses:Night lights, lampshades, holiday decorations, directional signs, glow-in-the-dark figurines, decorative items

Overview:

The Anycubic PLA Glow Filament in White (Blue Glow) is a premium choice for makers seeking to add a striking luminescent effect to their FDM 3D prints. Designed specifically for decorative applications, this filament transforms ordinary objects into glowing masterpieces that shine brightly after exposure to sunlight or UV light. Ideal for creating night lights, lampshades, holiday decorations, directional signs, and glow-in-the-dark figurines, it offers up to two hours of continuous blue illumination following a brief charge.

Part Number HFGBL-10 represents a commitment to safety and performance, utilizing an eco-friendly luminescent material that is completely free from heavy metals and radioactive particles. This ensures a safe printing environment while delivering resilient results with excellent resistance to bending and tearing. The filament prints reliably across a wide range of 1.75 mm FDM printers, provided they are equipped with a nozzle size of 0.4 mm or larger. Users can expect clog-free operation when following the recommended temperature settings between 200-230 degrees C for the extruder and 60-70 degrees C for the heated bed.

Description:

This Anycubic PLA Glow Filament combines safety with stunning visual effects, offering a blue glow that lasts up to two hours after charging. The eco-friendly composition ensures it is free of heavy metals, while the durable formulation resists bending and tearing for long-lasting decorative prints. Compatible with all standard 1.75 mm FDM printers using a 0.4 mm nozzle or

larger, this 1 kg spool includes an intelligent identification system on newer versions to prevent errors. The package also features a reusable spool with a threaded connection system designed to reduce filament entanglement and scatter during the printing process.

To ensure optimal print quality and longevity of your glowing creations, we recommend drying the filament before use at 60-65 degrees Celsius for 6 to 8 hours. The material is certified under RoHS, REACH, and MSDS/SDS standards, guaranteeing high safety compliance. Please note that this product may arrive in either old or new versions randomly, which can result in slight color variations between batches. Additionally, the older version of this filament is not recommended for use with the Anycubic ACE Pro system.

Features:

Key Features:

- Glows blue continuously for up to two hours after a short charge under sunlight
- Eco-friendly luminescent material free of heavy metals and radioactive particles
- Excellent resistance to bending and tearing for durable decorative prints
- Compatible with all 1.75 mm FDM printers using a 0.4 mm or larger nozzle
- Supports intelligent identification when used with compatible Anycubic printers (new version)
- Reusable spool with threaded connection system reduces entanglement and filament scatter
- RoHS, REACH, and MSDS/SDS certified for safety compliance

The technical capabilities of this filament are designed to handle complex aesthetic projects. With a density of 1.26 g/cm and a melting point temperature of 162 degrees Celsius, it flows smoothly through the nozzle while maintaining structural integrity. The recommended printing speed ranges from 50 to 250 mm/s, allowing for both detailed work and faster production runs. A cooling time of approximately 8 seconds is suggested between layers to ensure proper bonding.

For those requiring precise mechanical properties, this filament delivers a tensile strength of 50+/-3 MPa and an elongation at break of 13+/-3%. It maintains stability with a Vicat softening temperature of 64 degrees Celsius and a heat deflection temperature of 55 degrees Celsius under 0.45MPa pressure. The maximum volume speed is rated at 12 mm /s, ensuring efficient material flow without compromising quality.

What's in the Box

- Anycubic PLA Glow Filament - White (Blue Glow) x1

Specifications:

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Specifications

Product Code	HFGBL-10
Colour	White (Blue Glow)
Size	1kg
Dry Out Before Use	Recommended
Drying Condition	60-65 degreesC, 6-8 h
ACE Compatibility	Compatible
Nozzle Size	Recommended 0.4 mm or above

Printing Temperature	200-230 degreesC
Heated Bed Temperature	60-70 degreesC
Recommended Printing Speed	50-250 mm/s
Cooling Time	8 s
Maximum Volume Speed (Flow Rate)	12 mm ³ /s
Density	1.26 g/cm ³
Melt Index	9+/-1 g/10 min (190degreesC/2.16kg)
Melting Point Temperature	162 degreesC
Vicat Softening Temperature	64degreesC
Heat Deflection Temperature (0.45MPa)	55 degreesC
Young's Modulus	2200+/-100 MPa
Tensile Strength	50+/-3 MPa
Elongation at Break	13+/-3%
Bending Modulus	2700+/-50 MPa
Bending Strength	82+/-2 MPa
Izod Impact Strength (X-Y)	24+/-4 kJ/m ²
Tensile Strength (Z)	38+/-3 MPa
Filament Type	Aesthetic filaments
Intelligent Identification	Supported
Reusable Filament Spool	Supported
Recommended to Print	Decorative items with night time luminescence, such as night lights, lampshades, holiday decorations, luminous signs, directional signs, and glow-in-the-dark figurines

FAQ

Will this filament work with my 1.75 mm FDM printer?

The Anycubic PLA Glow Filament is compatible with all 1.75 mm FDM printers, provided they use a nozzle size of 0.4 mm or larger.

How do I activate the blue glow effect and how long does it last?

A brief charge under sunlight activates the luminescent material, which then glows continuously in blue for up to two hours in the dark.

Are there specific printing temperatures or bed settings required?

For reliable results, set your printer temperature between 200-230 degrees C and keep the heated bed between 60-70 degrees C while printing at a speed of 50-250 mm/s.

Is it safe for users concerned about hazardous materials?

Yes, this eco-friendly filament is completely free of heavy metals and radioactive particles, making it safe for decorative projects like night lights and figurines.

Should I dry the filament before using it on my printer?

ComX Computers

Product Specification Sheet

It is recommended to dry the filament at 60-65 degrees C for 6-8 hours prior to printing to ensure consistent performance.

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/HFGBL-10-Ancubic-PLA-Glow-Filament-White-Blue-Glow-Buy-p-341853.php>

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