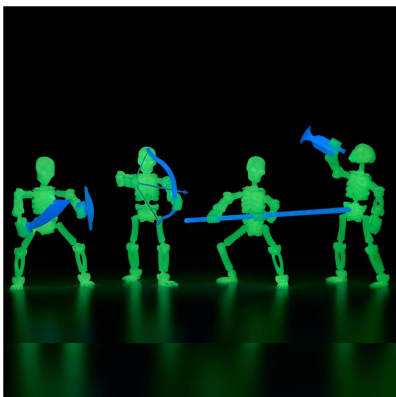
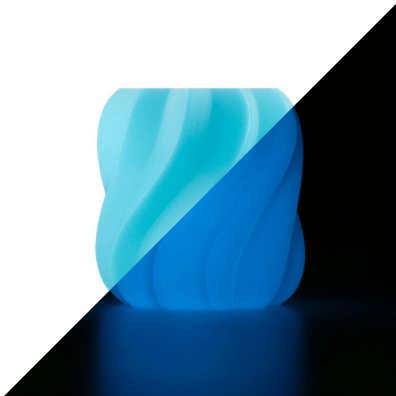


HFGBE-10

Anycubic PLA Glow Filament - Blue (Blue Glow)

Product Overview

Anycubic PLA Glow Filament - Blue (Blue Glow), Compatible with All 1.75 mm FDM printers using a 0.4 mm or larger nozzle, Glows Blue continuously for up to two hours after sunlight charge, Eco-Friendly luminescent material free of Heavy metals and radioactive particles, Printing temperature range is 200-230 degreesC with heated bed Set between 60-70 degreesC, Recommended printing Speed ranges from 50-250 mm/s, Maximum Volume Speed (Flow rate) of 12 mm³/s





Specifications

Overview Summary:

Enhance your 3D printing projects with the Anycubic PLA Glow Filament in Blue, available now for South African buyers seeking high-quality, eco-friendly materials. This luminescent filament charges under sunlight to emit a vibrant blue glow for up to two hours, making it perfect for creating night lights, lampshades, holiday decorations, and unique figurines that stand out in the dark. Designed for reliability, this 1kg spool is clog-free and compatible with all standard 1.75 mm FDM printers.

Experience durable prints with excellent resistance to bending and tearing, ensuring your decorative items last longer. The filament is completely free of heavy metals and radioactive particles, certified safe for home use. Don't miss the chance to add a striking visual effect to your creations; shop now and start printing glow-in-the-dark masterpieces today.

Performance tier:High

Uses:Night lights, lampshades, holiday decorations, directional signs, glow-in-the-dark figurines, 3D printing art, decorative items

Overview:

The Anycubic PLA Glow Filament in Blue (Blue Glow), part number HFGBE-10, is a premium luminescent material designed specifically for FDM makers who want to add a striking visual effect to their 3D prints. This filament transforms ordinary decorative items into glowing masterpieces that shine brightly after exposure to sunlight or artificial light, making it perfect for night lights, lampshades, holiday decorations, directional signs, and unique glow-in-the-dark figurines. The eco-friendly formula is completely free of heavy metals and radioactive particles, ensuring safety during both printing and handling, while its resilient composition resists bending and tearing for durable, clog-free results.

Designed to work seamlessly with all 1.75 mm FDM printers equipped with a 0.4 mm or larger nozzle, this filament offers reliable performance across a wide range of machines. It activates quickly under sunlight, providing up to two hours of continuous blue glow after a brief charge, and prints consistently at temperatures between 200-230 degrees C with a heated bed set between 60-70 degrees C. The new version includes intelligent identification support for compatible Anycubic printers, though users should note that the product ships in either old or new versions randomly, and the older variant is not recommended for use with the ACE Pro system.

Description:

This 1 kg spool of Anycubic PLA Glow Filament delivers a brilliant blue luminescence ideal for creating eye-catching

decorative objects. The material combines ease of printing with safety, as it contains no heavy metals or radioactive elements. Its robust physical properties ensure prints are durable and resistant to breakage, while the reusable spool design minimizes filament entanglement during use.

Features:

Key Features:

- Glows blue continuously for up to 2 hours after a short charge under sunlight or strong light
- Eco-friendly luminescent material free of heavy metals and radioactive particles for safe handling
- Excellent resistance to bending and tearing ensures durable decorative prints that last
- Compatible with all standard 1.75 mm FDM printers using a 0.4 mm or larger nozzle
- Supports intelligent identification when used with compatible Anycubic printers (new version only)
- Reusable spool with threaded connection system reduces entanglement and keeps filament tidy
- Certified to meet RoHS, REACH, and MSDS/SDS safety standards

Printing Specifications

To achieve the best results with this filament, set your printer temperatures between 200-230 degrees C and maintain a heated bed temperature of 60-70 degrees C. The recommended printing speed ranges from 50 to 250 mm/s, allowing for both fast prototyping and detailed finishing. For optimal layer adhesion and print quality, it is highly recommended to dry the filament before use at 60-65 degrees C for 6-8 hours.

- Density: 1.26 g/cm
- Melting Point Temperature: 162 degreesC
- Vicat Softening Temperature: 64 degreesC
- Heat Deflection Temperature (0.45MPa): 55 degreesC
- Cooling Time: 8 s
- Maximum Volume Speed (Flow Rate): 12 mm /s
- Melt Index: 9+/-1 g/10 min (190degreesC/2.16kg)

The mechanical properties of this filament are engineered for strength and flexibility. It boasts a Young's Modulus of 2200+/-100 MPa, tensile strength of 50+/-3 MPa, and elongation at break of 13+/-3%. The bending modulus is 2700+/-50 MPa with a bending strength of 82+/-2 MPa. Impact resistance is rated at 24+/-4 kJ/m² for X-Y direction tension, while Z-axis tensile strength holds at 38+/-3 MPa.

What's in the Box

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

Specifications:

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Specifications

Product Code	HFGBE-10
Colour	Blue (Blue Glow)
Size	1kg
Dry Out Before Use	Recommended
Drying Condition	60-65 degreesC, 6-8 h

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Product Specification Sheet

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

Does this filament work with my 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 does the glow effect work and how long does it last?

A brief charge under sunlight activates the luminescent material, allowing your prints to glow blue continuously for up to two hours in the dark without needing electricity.

Is this filament safe to use indoors?

Yes, the eco-friendly material is completely free of heavy metals and radioactive particles, making it safe for creating decorative items like night lights or figurines.

What are the recommended printing settings for this material?

You should set your printer temperature between 200-230 degrees C with a heated bed at 60-70 degrees C, and maintain a

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Product Specification Sheet

speed of 50-250 mm/s. Drying the filament at 60-65 degrees C for 6-8 hours before use is also recommended.

Are there any compatibility warnings regarding printer models?

Please note that this product comes in old and new versions randomly; the old version is not recommended for use with the Anycubic ACE Pro, while the new version supports intelligent identification on compatible printers.

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/HFGBE-10-Anycubic-PLA-Glow-Filament-Blue-Blue-Glow-Buy-p-341849.php>

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