

OVERTURE 3D

Overture Nylon Filament 1.75mm

\$30.99 USD

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Color



Quantity

1

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INTRODUCTION

Abrasion of the brass nozzle happens quite often when printing CoPA material. A wear-resistant nozzle, such as hardened steel and ruby nozzle, is highly recommended.

If this nylon material is used as the support material for itself, please remove the support structure before excessive moisture absorption. Otherwise the support structure can be permanently bonded to the model.

After the printing process, it is recommended to anneal the model in the oven at 70°C for 2 hours.

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SPECIFICATIONS

Recommended Extrusion/Nozzle Temp: 250°C - 270°C (4 82°F~518°F)

Heated Bed Temp: 25°C - 50°C (77 °F~ 122°F)

Filaments Diameter and Accuracy: 1.75 mm +/- 0.05

Filaments Net Weight: 1 kg (2.2 lbs)

Recommended Printing Conditions: Cooling Fan: Off

Printing Speed: 30~50(mm/s)

Raft Separation Distance: 0.1~0.2(mm)

Retraction Distance: 3~6 mm

Packaging Included:

1 × spool of Nylon filament

PRECISE DIMENSIONAL ACCURACY & CONSISTENCY

Diameter is measured in both axes by CCD in high frequency to guarantee the maximum precision and best possible circularity

99% Probability ± 0.03 mm



98% Probability ± 0.02 mm

Average Diameter Accuracy

OVERTURE
EASY NYLON
3D PRINTER FILAMENT

FEATURES

- Zer"0" Warp
- Easy to Print
- Excellent Durability
- Compatible with Most 3D Printers
- 98% Probability ± 0.02 mm
- 99% Probability ± 0.03 mm

SETTINGS

- Net Weight: 1 kg
- Length: 300 m (± 20 m)
- Nozzle Temp: 245 - 260 °C
- Printing Bed: 50 °C & PVP Glue
- Printing Speed: 30 - 70 mm/s
- Fan: Off

ZER "0" WARP TECHNOLOGY & EASY TO PRINT



PVP GLUE IS HIGHLY RECOMMENDED TO
USE ON THE PRINTING BED WHEN PRINT
WITH EASY NYLON

IDEAL ENGINEERING PLASTIC & 180 °C HEAT RESISTANCE



PVP GLUE IS HIGHLY RECOMMENDED TO
USE ON THE PRINTING BED WHEN PRINT
WITH EASY NYLON

EASY-TO-USE FILAMENT ON PAPER SPOOL

BUBBLE-FREE

24-hour drying before
vacuum packaging

CLOG-FREE

Higher soft point than
regular PLA to keep fil-
aments hard in ho-
tends

TANGLE-FREE

Automatic winding with
supplementary manual
detection, less tangle
happens



INTRODUCING PRODUCTION PROCESS

Premium Raw Materials



Filaments Extrusion



Precise Diameter and Circularity



Automatic Spooling



Vacuumed with Desiccants



Packaging and Batch No.



RELIABLE FILAMENTS FOR YOUR 3D PRINTS OR PROJECTS



ISO 9001 2015
Quality Control



Consistent Color



Less Warping



Less Stringing



No Bubble



Smooth Printing



[Odorless & Zero Warping]-- This CoPA filament combines excellent strength, toughness, and heat resistance of up to 180°C. It delivers excellent printing quality with no odor or warpage (

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Complete drying for 24 hours before vacuum aluminum foil packaging, which can effectively protect the Nylon filament from moisture. As the Nylon material is sensitive to moisture, please remember to put it back into the re-sealable bag timely after using.

[High Stability and Durability]-- Our OVERTURE Nylon Roll is based on a copolymer of Nylon 6 and Nylon 6.6, a strong and tough thermoplastic polymer. Great for creating parts which needs to be strong and durable. These Nylon filaments are excellent choice for engineering production or prototyping. PVA glue is always required for better adhesion

[Dimensional Accuracy & Consistency] -- advanced CCD diameter measuring and self-adaptive control system in the manufacturing guarantee these synthetic polymers of 1.75 mm diameter, dimensional accuracy + / - .05 mm; 1 kg/ spool (2.2lbs)

[Cost-effective and Wide Compatibility]-- With over 9 years’ 3D filaments R & D experience, thousands tons of filaments output every month, Overture is capable of manufacturing all kinds of filaments in large scale with premium quality, which contribute to Overture filament cost-effective and reliable for most common 3D printers, such as MK3, Ender 3, Monoprice FlashForge, QIDI and more

Shipping

Free Shipping Over 40\$

Filaments Diameter





1.75 mm +/- 0.03mm

Care Instructions

Keep In Dry

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