

# 3D Printer Filament

The logo for VÍSDREAM is displayed in a white circle. It features the word "VÍSDREAM" in a bold, blue, sans-serif font. The letter "V" is stylized with a yellow and orange gradient. The letter "I" has a blue accent above it. The letter "A" has a yellow and orange gradient at its base.

Jiangsu Minreon Technology Co.,Ltd.

3D printing industry leader

Since 2018

# Company profile

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Jiangsu Minreon Technology Co., Ltd., located in Wuxi city, near Shanghai, is a hi-tech company specializing in 3D printing complete industrial chain. Integrating R&D, production and sales services. Minreon offers complete solutions for 3D printer, printing filaments and printing service with high technology and high quality.

Minreon company occupies a total area of 3,000m<sup>2</sup>workshops, two R&D and production bases in Xuzhou city and Wuxi city, China. The company employs 51 staff, of which technical R&D personnel accounted for 20%.

Minreon company continuously works on innovations and further technological development. More than 20 patents have been filled about software algorithms, control systems, technical process optimization, etc., securing technical and technological advanced, playing a leading role in the making of industry standards.

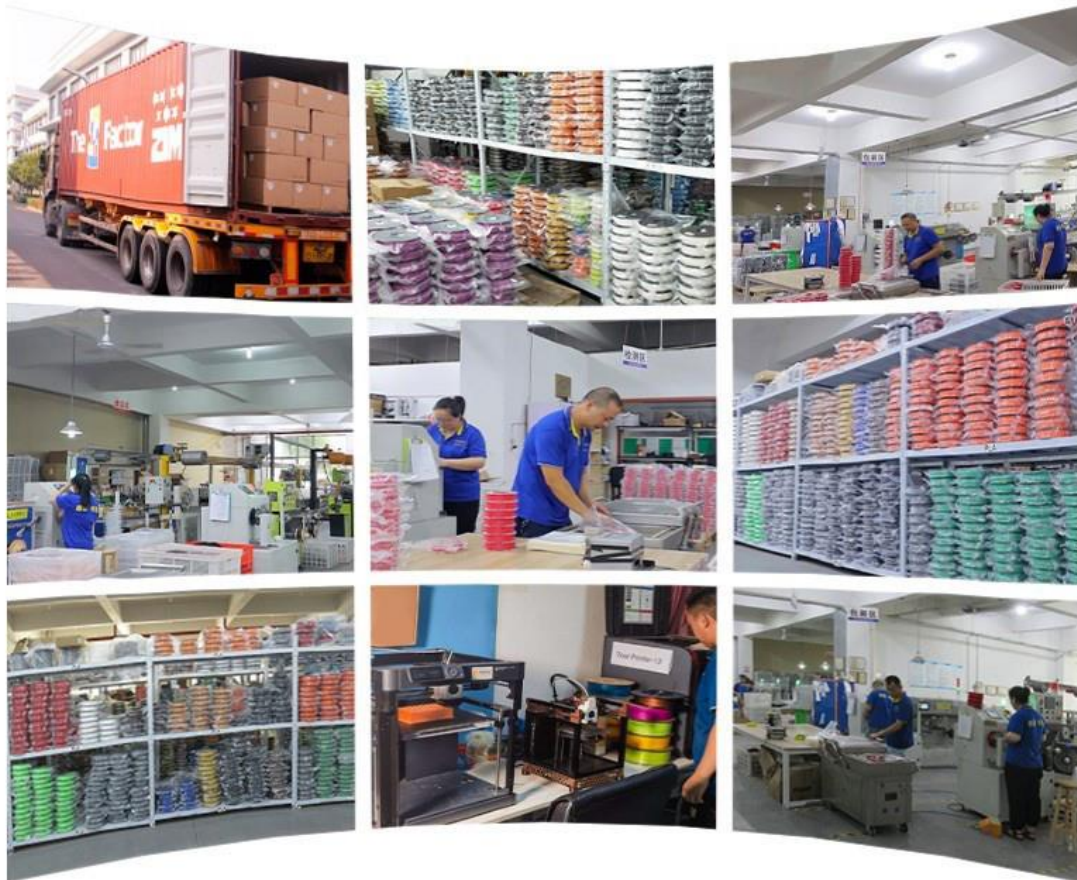
The company's products include but are not limited to FDM printers, SLA printers, SLM printers and various types of 3D printing consumables for FDM printers such as PLA, ABS, TPU,PETG, PVA, PVB etc. Accept OEM/ODM.

Minreon factory is certificated with ISO and products are all certified to CE, FCC, and ROHS standards. All the printers will have pre-testing before delivery to guarantee the quality. Minreon also test the filaments in different 3D printers to test and ensure the filaments performance.

The company adheres to the operation principle as "Customer satisfaction is our eternal pursuit" and has been committed to the market application of 3D printers, for individuals, schools and enterprises to provide efficient and affordable 3D printing comprehensive solutions.



# OUR FACTORY



Served 100+ OEM Customers



## 3D Printing Manufacturer---OEM/ODM

Focused on R&D 3D filaments

01

Source Factory



02

Timely Delivery



03

Quality Assurance



PRODUCTION  
LINES  
14+

EMPLOYEES  
50+

ANNUAL  
CAPACITY  
1500+tons

AREA  
4000+

14+

90+

1200+tons

3000+

# OEM SERVICE AVAILABLE - CUSTOMIZATION OPTIONS

## VARIOUS FILAMENT MATERIALS

PLA/ABS/PETG/specialty filaments



## CUSTOM COLORS (Contact Us)



## PACKING

Logo/Label/Spool/Box



Support global 18 languages package customization

# WHY US

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- ✓ **GOOD SERVICE:**  
OEM/ODM/RTS goods fast delivery.  
600K-800K spools filament monthly production capacity.  
Cheap shipping
- ✓ **GOOD QUALITY:**  
High quality imported PLA, no miscellaneous materials  
Patents to control Dia. precision  $\pm 0.02\text{mm}$
- ✓ **GOOD CUSTOMER SERVICE:**  
Quick professional response  
Exclusive VIP service
- ✓ **GOOD CUSTOMIZATION:**  
Customized logo (Min. Order: 50 rolls)  
Customized colors (Min. Order: 100 rolls)  
Customized spool (Min. Order: 1000 rolls)  
Customized packaging (Min. Order: 1000 rolls)



Order 1000 spools 3D filament you will get  
FREE Customize your brand color boxes  
FREE 10 filament items functions videos  
FREE 50 HD customize your brand filament pictures  
FREE 10 spools new filament items samples

# PRODUCT ADVANTAGES

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## Stable Dimensional Tolerance $\pm 0.02\text{mm}$

- Minimum tolerance and low warping
- Ensure feeding consistent, stable
- Extremely high successful rate
- Ensure printed parts have an outstanding surface finish



## No Plugging

- Melt well, no cracking, no bubbles
- Feed smoothly and constantly without clogging the nozzle or extruder.



## High Compatibility

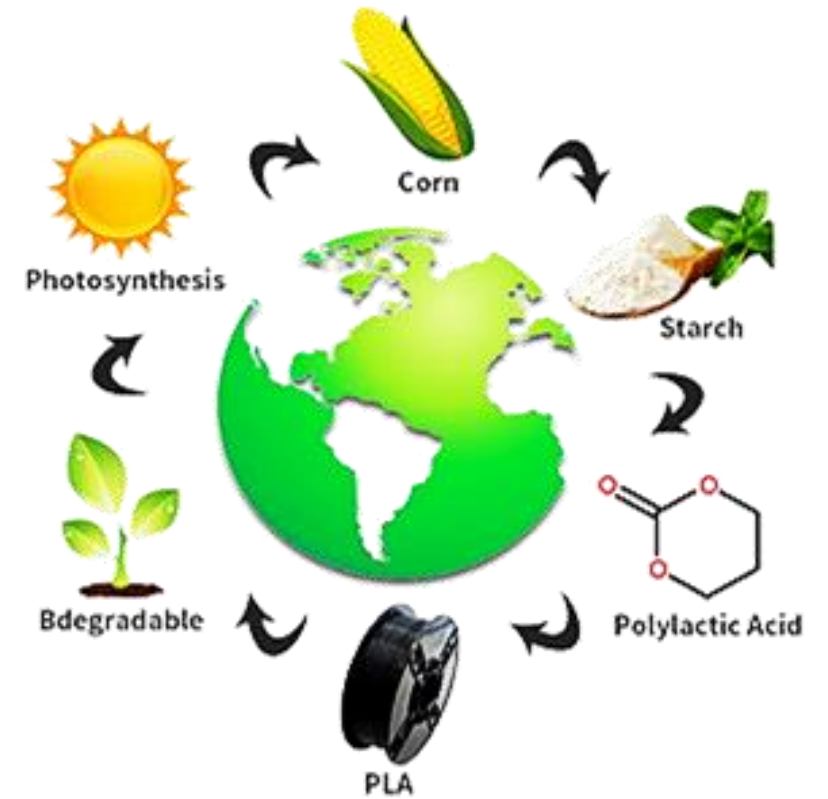
- Compatible with most of FDM 3D Printers in market
- Allow you to print multicolor in one small 3D printed item. Perfect for arts & crafts projects.



## Neat winding, Tangle Free

- Ensure smooth printing, no tangle trouble

**Good quality imported pure PLA raw material, no miscellaneous materials, bioplastic and bio composite.**



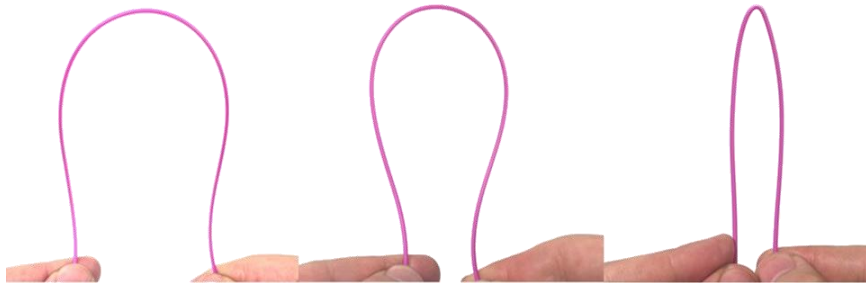
**Products have passed RoHS and REACH testing, eco-friendly and non-toxic.**

## Multiple Colors Available

Suitable to Print Beautiful Different Colors 3d Printing Objects



## Hard To Break



High Toughness With **120%** Elongation



## Strong Toughness

Tougher than pure PLA to make it not so brittle as pure PLA



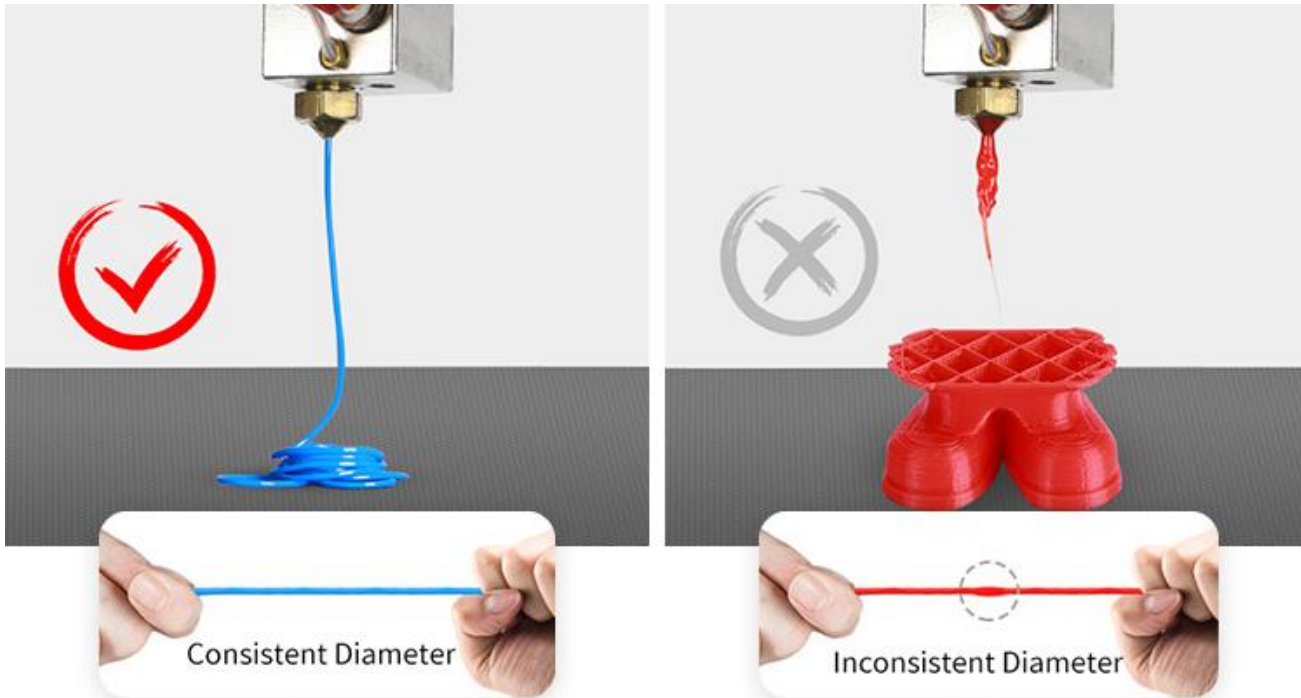
# WISFREAM FILAMENT

Clog-Free & Bubble-Free, Melt well, no cracking  
Feed smoothly and constantly

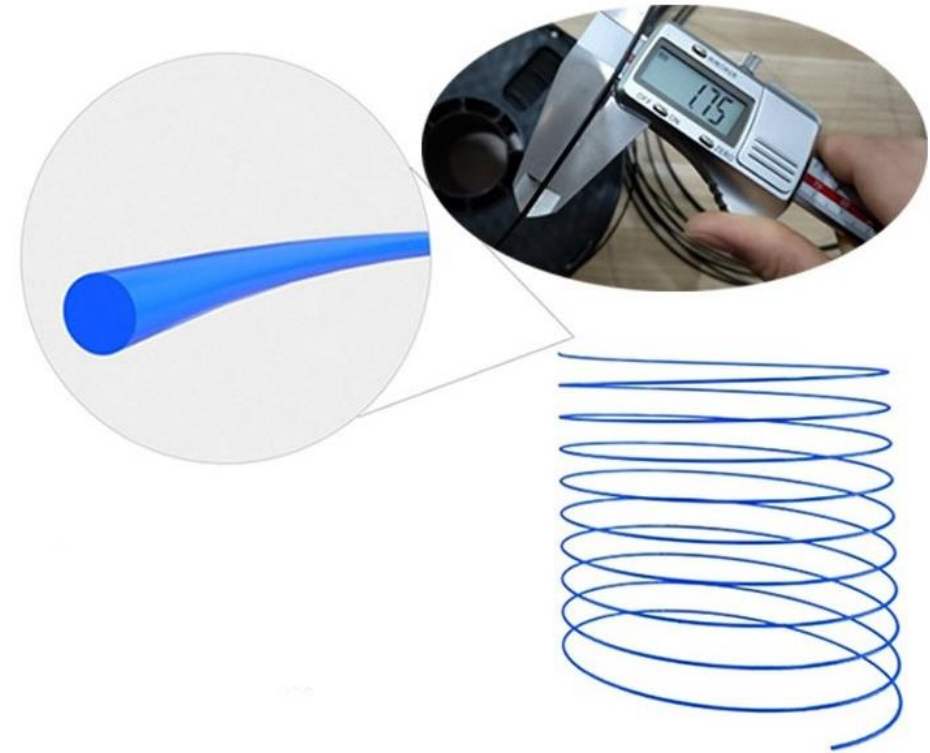
# VS

## Others

filament snaps, waste  
time, filament, and  
electricity



## Stable Dimensional Tolerance $\pm 0.02\text{mm}$



# WISFREAM FILAMENT

Neat winding, Tangle Free

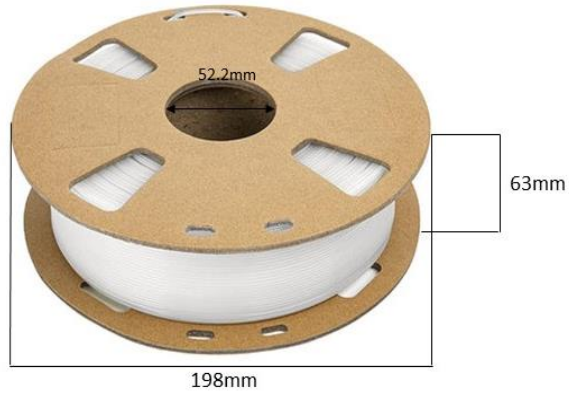
Industrial grade neat winding make sure the line tidy and less-tangle, avoid possible snap and line breaking.





**Perfect For Most Printers**  
**Good Smooth Appearance**  
**Consistent Extrusion**  
**Good Adhesion**

# 1KG SPOOL PACKING READY TO SHIP



## SPOOL SIZE FOR 99% FDM 3D PRINTER

Plastic spool and cardboard spool are delivered randomly.  
If you have a special request on spool, please contact us.

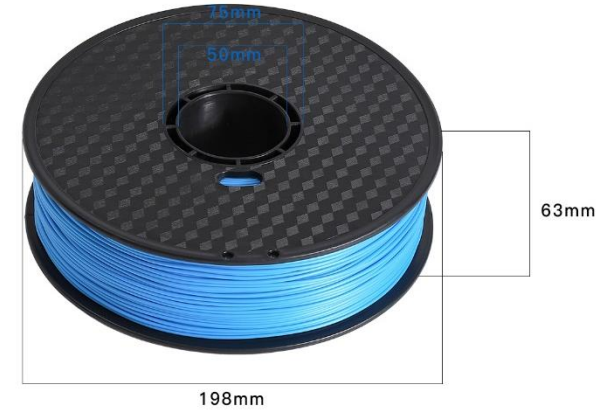
1. / Contents

2. / vacuum packing

3. / Sturdy box



Cardboard spool, a greener and eco-friendly packaging solution.



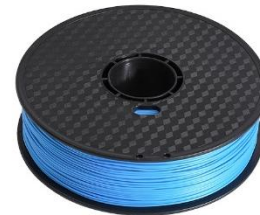
1./Contents



2./Shrinkwrap



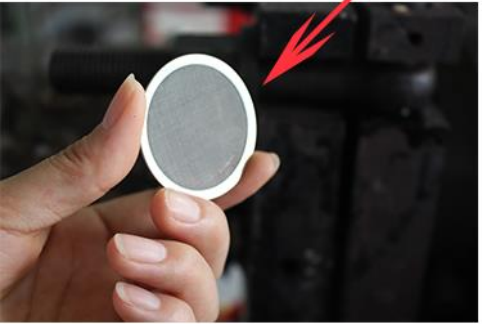
3./Sturdy box



ABS spool protects the filament well in shipping and less restriction on the spool holder.

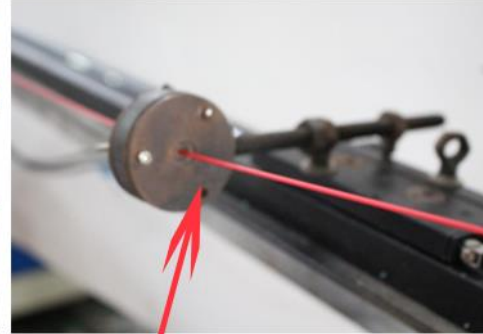
# Quality Control

58 $\mu$ m stainless steel filter screen ensures no impurity.



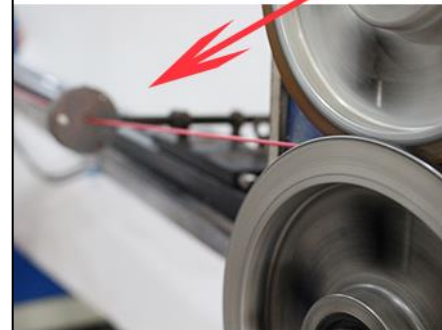
Wire diameter inspection on both sides

Wire diameter inspection on both sides





filament will be tested by 1.78mm test hole,once diameter is over 1.78mm ,machine will be stopped automatically.

filament will be tested by 1.78mm test hole ,once diameter is over 1.78mm ,machine will be stopped automatically



filament will be inspected by QC department from Order.

# PRODUCT CERTIFICATES



**Test Report** No.: NGBEC22001553602 Date: May 25, 2022 Page 1 of 8


Client name : JIANGSU MINREON TECHNOLOGY CO., LTD.  
Client address : ROOM A406,PIONEER BUILDING 530, 18# QINGYUAN ROAD,WUXI,CHINA

Sample Name : 3D printer filament  
Model No. : 1.75mm  
The above sample(s) and information were provided by the client.


---

SGS Job No. : NP22-002684  
Sample Receiving Date : May 17, 2022  
Testing Period : May 17, 2022 to May 25, 2022  
Test Requested : Select test(s) as requested by the client.  
Test Method(s) : Please refer to next page(s).  
Test Result(s) : Please refer to next page(s).  
Conclusion : Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch  
*Ashley Zhang*  
Ashley Zhang  
Approved Signatory





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Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN\_ElecTech@sgs.com

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**Test Report** No.: NGBEC22001553601 Date: May 25, 2022 Page 1 of 8


Client name : JIANGSU MINREON TECHNOLOGY CO., LTD.  
Client address : ROOM A406,PIONEER BUILDING 530, 18# QINGYUAN ROAD,WUXI,CHINA

Sample Name : 3D printer filament  
Model No. : 1.75mm  
The above sample(s) and information were provided by the client.


---

SGS Job No. : NP22-002684  
Sample Receiving Date : May 17, 2022  
Testing Period : May 17, 2022 to May 25, 2022  
Test Requested : Select test(s) as requested by the client.  
Test Method(s) : Please refer to next page(s).  
Test Result(s) : Please refer to next page(s).  
Conclusion : Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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**Test Report (SVHC)** No.: NGBEC22001553603 Date: May 25, 2022 Page 1 of 19

Client name : JIANGSU MINREON TECHNOLOGY CO., LTD.  
Client address : ROOM A406,PIONEER BUILDING 530, 18# QINGYUAN ROAD,WUXI,CHINA

Sample Name : 3D printer filament  
Model No. : 1.75mm  
The above sample(s) and information were provided by the client.

---


SGS Job No. : NP22-002684  
Sample Receiving Date : May 17, 2022  
Testing Period : May 17, 2022 to May 25, 2022  
Test Requested : As requested by client, SVHC screening is performed according to:  
(i) Two hundred and twenty-three (223) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 17, 2022 regarding Regulation (EC) No 1907/2006 concerning the REACH.  
(ii) One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun 1, 2021.  
(iii) One (1) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Mar 4, 2022 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Method(s) : Please refer to next page(s).  
Test Result(s) : Please refer to next page(s).

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*Ashley Zhang*  
Ashley Zhang  
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## CATEGORIES



Filament PLA series

Filament Core-shell series

Filament ABS series

Filament PETG series

Filament TPU series

Filament PA Nylon series

Filament PC series

Filament PEEK series

Filament PVA water soluble

Filament PVB alcohol polishing

Filament ASA

Filament FlexiTough-for 3D printed airless balls

MA Filament-Moisture-Activated  
Flexible Filament-Patented material



# Filament PLA series

- PLA Pro
- PLA HYPER
- PLA Silk
- PLA Starlight
- PLA Macaroon Matte
- PLA Pastel Matte
- PLA Multicolor-rainbow and co-extrusion
- PLA Flexible+
- PLA Marble
- PLA Wooden
- PLA Luminous
- PLA Glitter galaxy
- PLA Translucent
- PLA Carbon fiber



## **Polylactic acid**

PLA is a common type of biodegradable filament which is derived from renewable resources, such as corn starch, tapioca roots, chips or starch, or sugarcane.



# PLA Pro 3D Printer Filament



Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 28 colors for selection

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. **【Good PLA】** Made of bioplastic PLA raw material, eco-friendly and non-toxic.
2. **【Strong Toughness, No cracking& No snapping】** Hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
3. **【Clog-Free & Bubble-Free】** Melt well to make sure filament feeds smoothly and constantly.
4. **【Good Adhesion】** No warping, no layer delamination issues.
5. **【Stable Dimensional Accuracy  $\pm 0.02\text{mm}$ 】** Extremely high successful printing rate, saving time, filament, and electricity.
6. **【Neat winding, Tangle Free】** Neat winding makes sure the line tidy and less-tangle, avoid possible snap and line breaking.
7. **【Beginner & Expert Friendly】** Upgrade formula, low viscosity, easy to remove support.
8. **【High Compatibility】** Compatible with most of FDM 3D Printers in market.

# PLA HYPER 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 7 colors for selection

Printing temp:240-260°C

Platform temp: 40-60°C

Fan: on

N.W:1kg G.W: 1.35kg

## Description:

1. **【UP to 600MM/S HIGH-SPEED PRINTING】** Specially designed for high-speed 3D printers. It allows printing at a speed of up to 600 mm/s without compromising the printing effect.
2. **【Upgraded formula】** Higher fluidity, smoother feeding, faster forming speed, perfect for high-speed 3D printers.
3. **【Stable Dimensional Accuracy  $\pm 0.02\text{mm}$ 】** Extremely high successful printing rate, saving time, filament, and electricity.
4. **【Easy to use and Wide compatibility】** Clog-Free & Bubble-Free. With improved toughness and fluidity, Hyper filament offers wide temperature and speed ranges to suit all of your innovative needs. It fits most FDM 3D Printers, such as Bambu 3D Printers, Flashforge 3D Printers, Prusa 3D Printers, Monoprice 3D Printers, FLSUN 3D Printers, Artillery 3D Printers etc.



# Challenge Sport & Ludicrous speed printing

## Change only 2-3 parameters

Filament type	PLA HYPER	ABS HYPER	PETG HYPER
System Preset	Bambu PLA Basic	Generic ABS	Generic PETG
Sparse infill(mm)	0.6	/	/
Max Volumetric Speed(mm <sup>3</sup> /s)	16 / 23	9	10
Nozzle Temp (°C)	240-260	260-280	260-280
Speed Mode/type	Sport / Ludicrous	Ludicrous	Ludicrous

# PLA Silk 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 17 colors for selection

Printing temp:190-220°C

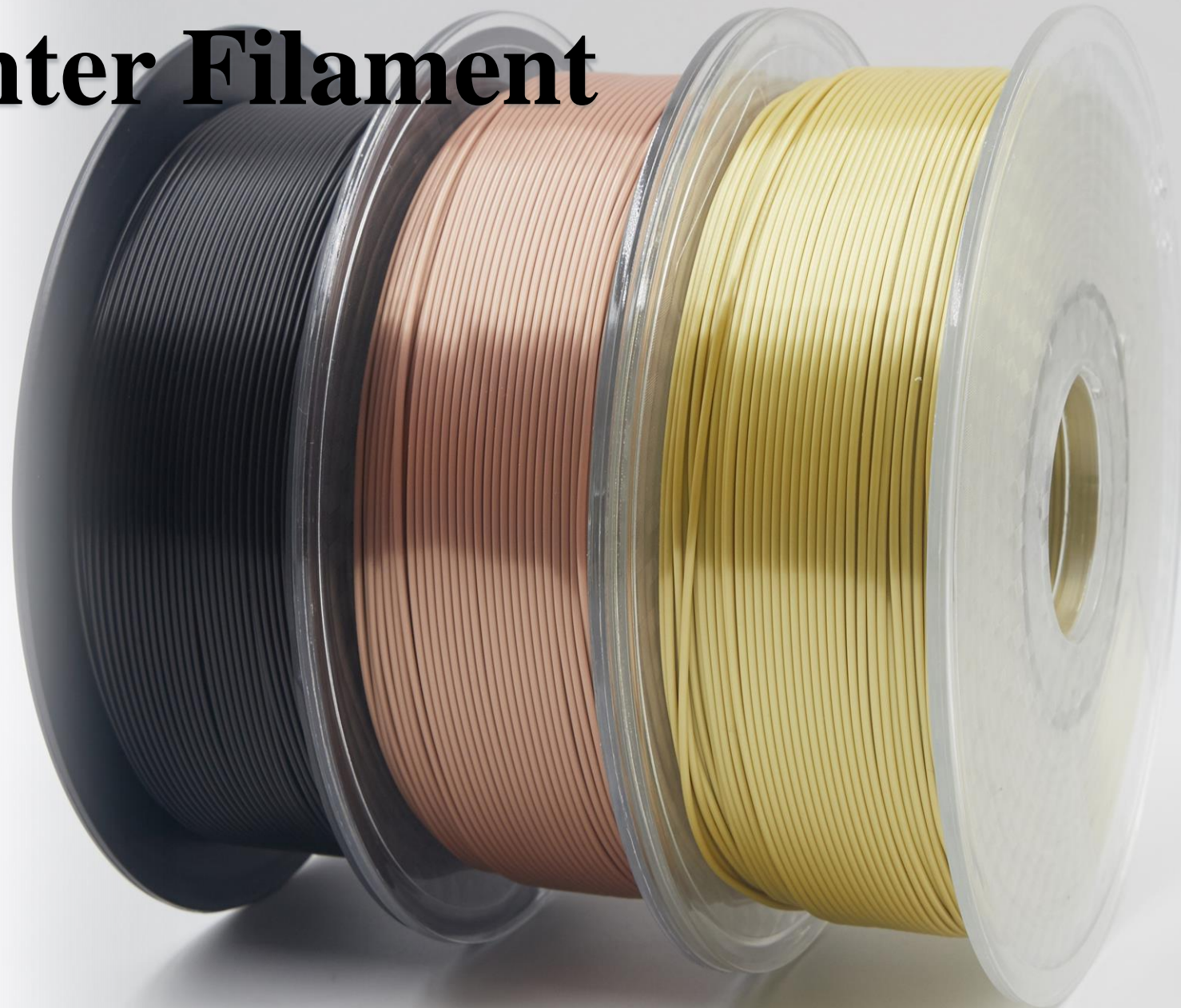
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. The material is composed of PLA of ester materials.,
2. The effect of "silk shine" on the surface is obvious.
3. Control printing temperature well, silk feeling is good.
4. Printing as the PLA same parameter.
5. Low expansion rate filament.
6. Toughness and stronger filament.



# PLA Starlight 3D Printer Filament

Brand: Wisdream

Diameter: 1.75mm/2.85mm/3.00mm

Colors: 2 colors for selection

Printing temp: 190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W: 1kg G.W: 1.35kg

## Description:

1. This filament has a stunning shiny metallic effect. The surface of the print appears different colors under different light angles, perfect for printing some cool sci-fi style or metal punk decorations.
2. Good Layer Adhesion & Rigidity, No warping, No jamming



# PLA Macaron Matte 3D Printer Filament

Brand: Wisdream

Diameter: 1.75mm/2.85mm/3.00mm

Colors: 16 colors for selection

Printing temp: 190-220°C

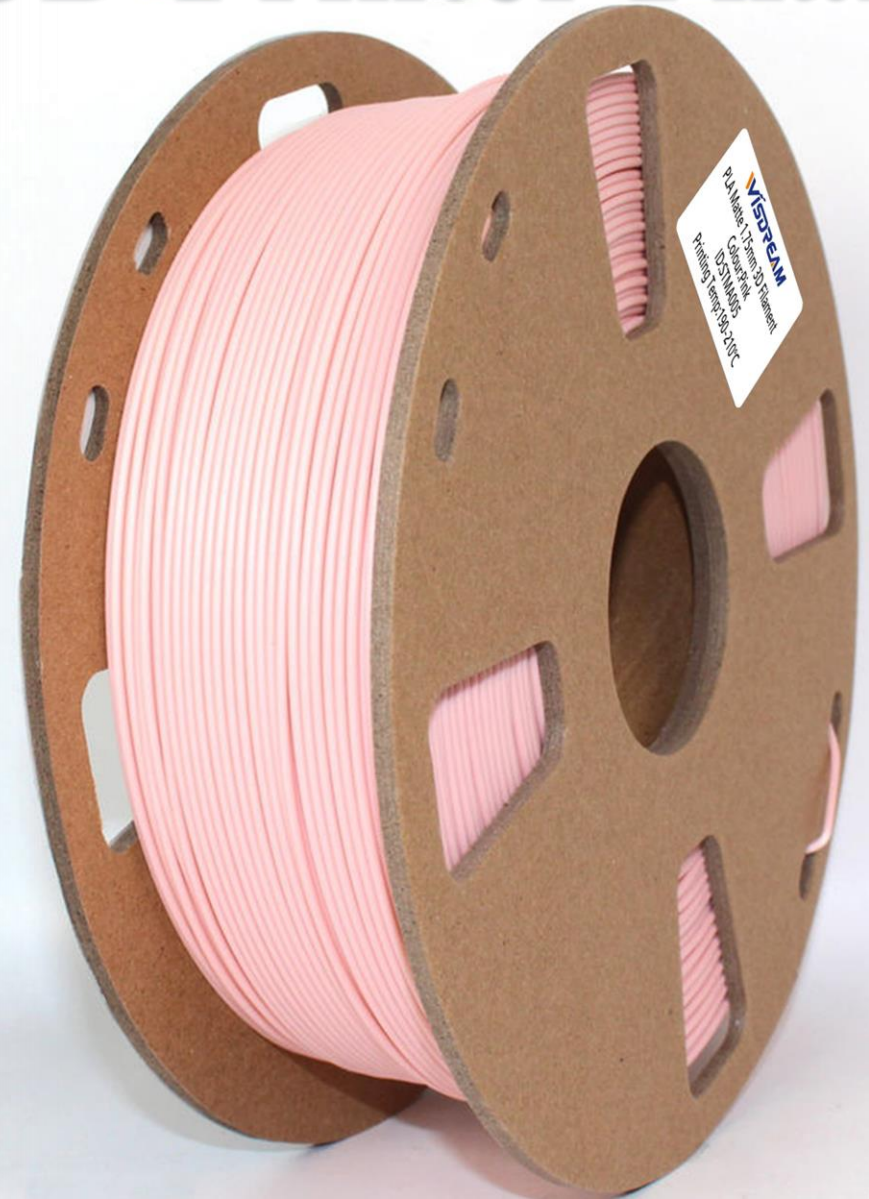
Platform temp: 40-60°C

Fan: 80-100%

N.W: 1kg G.W: 1.35kg

## Description:

1. Selected of macaron colors, bright and vibrant, with a gentle creaminess looking.
2. Suitable for printing with the surface of a matte or matte texture of the model and can be directly used for decorative or artistic terminal parts.
3. Made of bioplastic PLA raw material, eco-friendly and non-toxic.
4. Strong Toughness, No cracking & No snapping, clog-free & Bubble-free, melt well to make sure filament feeds smoothly and constantly.



# PLA Pastel Matte 3D Printer Filament

Brand: Wisdream

Diameter: 1.75mm/2.85mm/3.00mm

Colors: 5 colors for selection

Printing temp: 190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W: 1kg G.W: 1.35kg

Description:

1. Matte New color
2. Suitable for printing with the surface of a matte or matte texture of the model and can be directly used for decorative or artistic terminal parts.
3. Made of bioplastic PLA raw material, eco-friendly and non-toxic.
4. Strong Toughness, No cracking & No snapping, clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.



# PLA Multicolor 3D Printer Filament--- Macaroon Matte Rainbow

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: Blue-Green-Yellow-Red-Purple, 5 colors mixed randomly

Printing temp:190-220°C

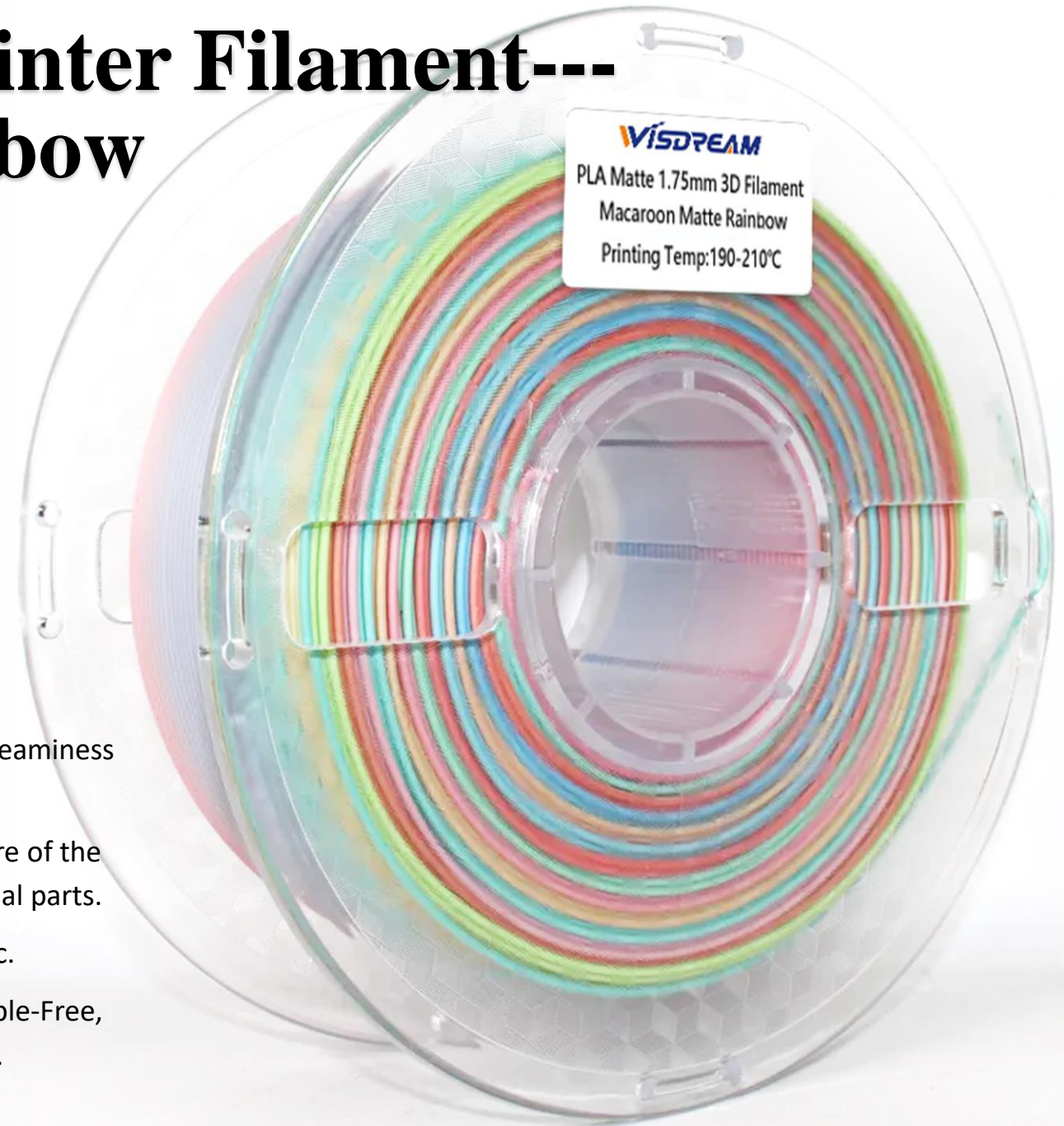
Platform temp:40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Selected of macaron colors, bright and vibrant, with a gentle creaminess looking.
2. Suitable for printing with the surface of a matte or matte texture of the model and can be directly used for decorative or artistic terminal parts.
3. Made of bioplastic PLA raw material, eco-friendly and non-toxic.
4. Strong Toughness, No cracking& No snapping, clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.





# PLA Multicolor 3D Printer Filament--- Silk Fire

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: silk red--silk gold

Printing temp:190-220°C

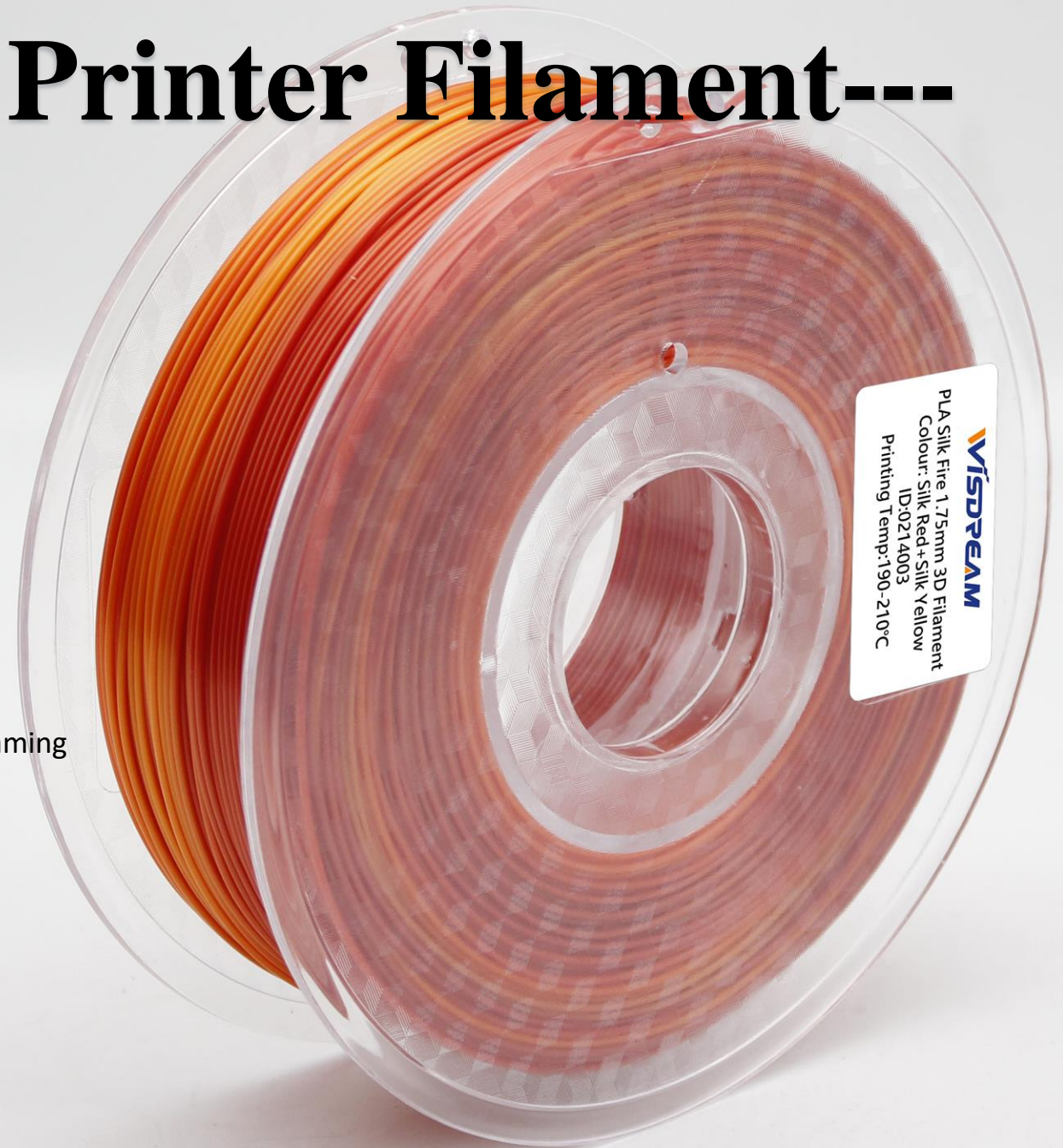
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Silk red and silk gold appear alternately, with excellent gloss, like a flaming fire.
2. Made of good quality import PLA material
3. Upgrade formula, MFI is lower than normal PLA
4. No fall down while surface printing.
5. Good toughness, filament feeding will be more smooth.



# PLA Multicolor 3D Printer Filament- Silk Ice blue

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: Ice blue--Ice dark blue

Printing temp:190-220°C

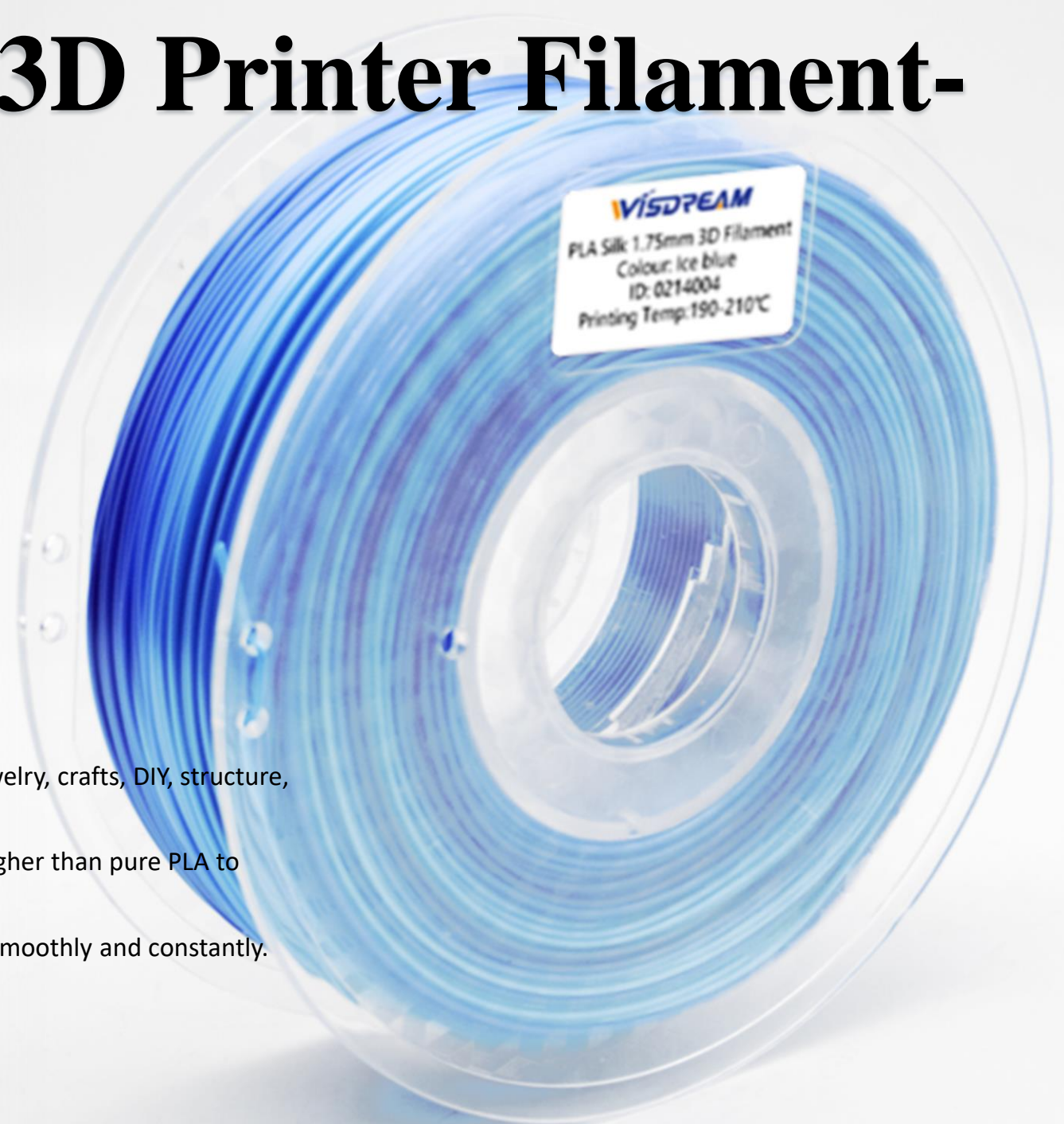
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Ice Blue Glossy Silk Filament with eye-catching shiny finish
2. Perfect for creating high-end decorative objects, home decor, jewelry, crafts, DIY, structure, gifts, and other art projects.
3. Strong Toughness, No cracking& No snapping, hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
4. Clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.
5. Compatible with most of FDM 3D Printers in market.



# PLA Multicolor 3D Printer Filament- PLA Fast Color Change Rainbow(Normal)

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: blue-green-yellow-orange-red-purple(6 colors in one spool, random color change with smooth transition in short and long distances.)

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Color change quite fast, 6 colors in one spool, random color change with smooth transition in short and long distances from 5cm to 50cm.
2. Perfect for creating high-end decorative objects, home decor, jewelry, crafts, DIY, structure, gifts, and other art projects.
3. Strong Toughness, No cracking& No snapping, hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
4. Clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.
5. Compatible with most of FDM 3D Printers in market.



# PLA Multicolor 3D Printer Filament- PLA Fast Color Change Rainbow-Silk Shiny

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: colors random mixed with smooth transition in short and long distances

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. No need polishing, prints finish by our silk PLA filament have eye-catching luster(Silk Like, Shiny, Glistening). Besides, it also have a smooth surface.
2. Perfect for creating high-end decorative objects, home decor, jewelry, crafts, DIY, structure, gifts, and other art projects.
3. Strong Toughness, No cracking& No snapping, hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
4. Clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.
5. Compatible with most of FDM 3D Printers in market



# PLA Multicolor 3D Printer Filament--- Military Camouflage

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: Military Camouflage

Printing temp:190-220°C

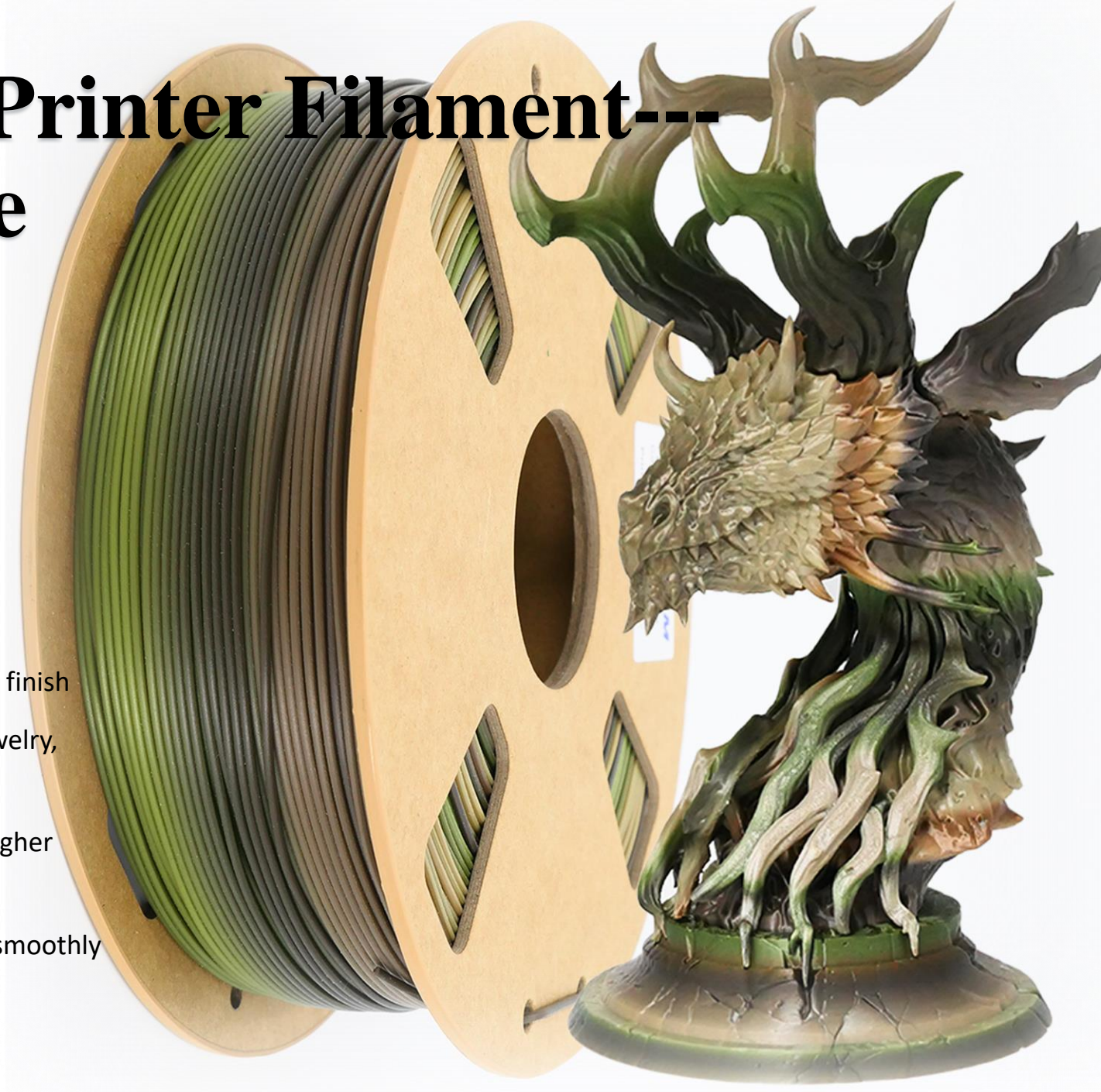
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Military Camouflage Glossy Silk Filament with eye-catching shiny finish
2. Perfect for creating high-end decorative objects, home decor, jewelry, crafts, DIY, structure, gifts, and other art projects.
3. Strong Toughness, No cracking& No snapping, hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
4. Clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.



# PLA Multicolor 3D Printer Filament- PLA Desert/Bone

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: PLA Desert/Bone rainbow

Printing temp:190-220°C

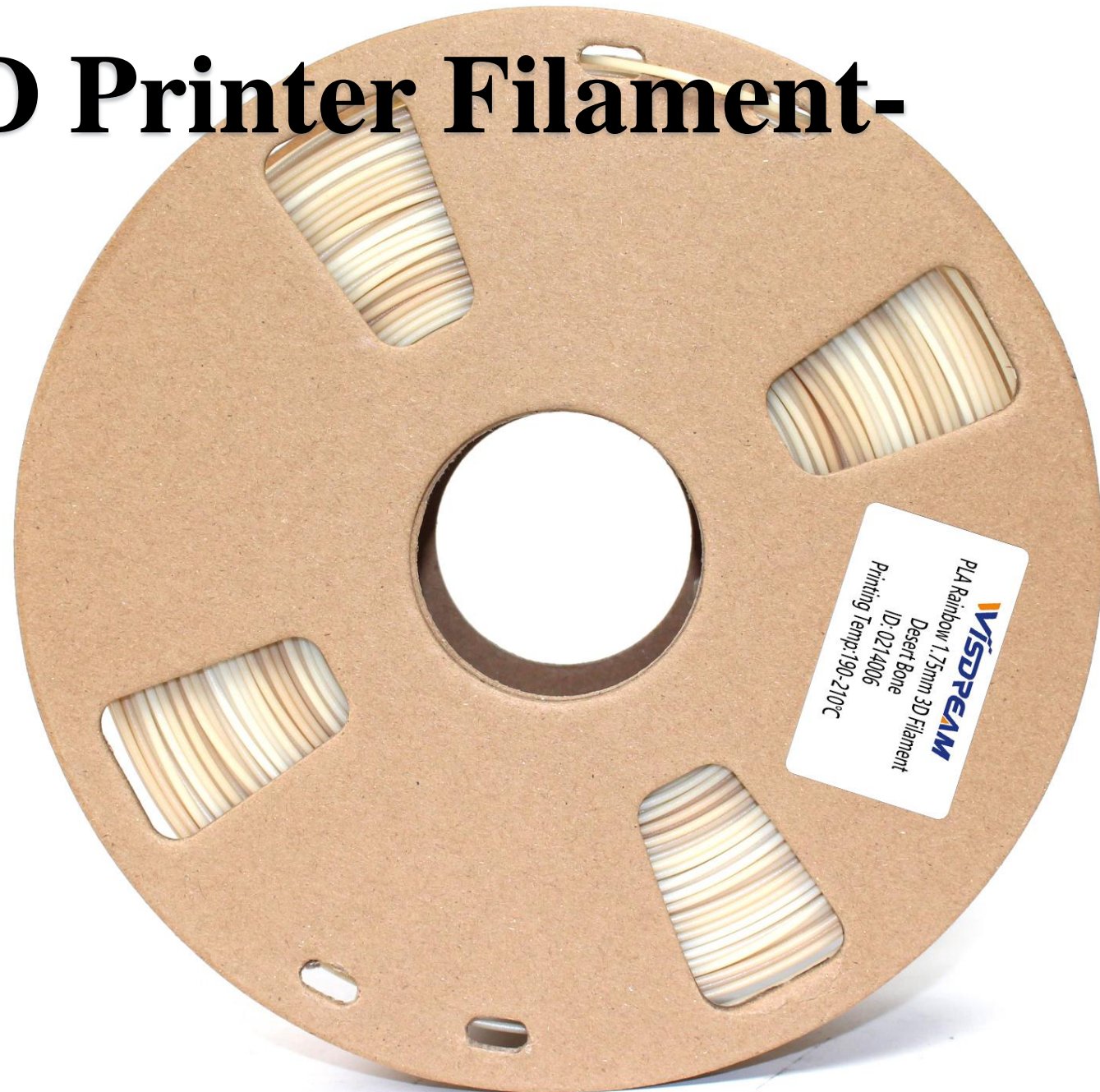
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Perfect for creating high-end decorative objects, home decor, jewelry, crafts, DIY, structure, gifts, and other art projects.
2. Strong Toughness, No cracking& No snapping, hard to break, tougher than pure PLA to make it not as so brittle as pure PLA.
3. Clog-Free & Bubble-Free, melt well to make sure filament feeds smoothly and constantly.
4. Compatible with most of FDM 3D Printers in market.



# PLA Multicolor 3D Printer Filament--- Magic Dual Color

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 6 colors for selection and custom colors

Printing temp:190-220°C

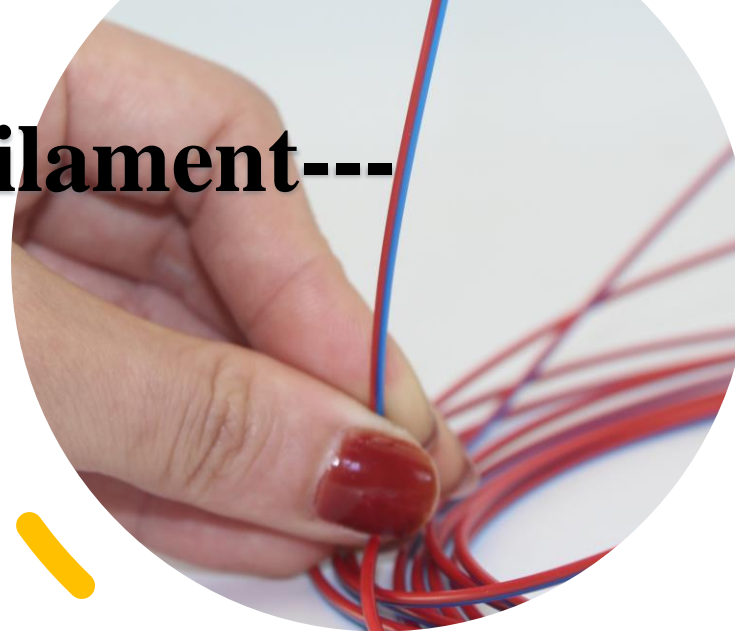
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Dual color filament is made from two individual colors, co-extruded into one filament. You can change the color by rotating the filament to different orientations.
2. Final printing has pearlescent and gorgeous silk surface.
3. Made of good quality import PLA material
4. Good toughness.



# PLA Multicolor 3D Printer Filament--- Magic Tri Color

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 7 colors for selection and custom colors

Printing temp:190-220°C

Platform temp: 40-60°C

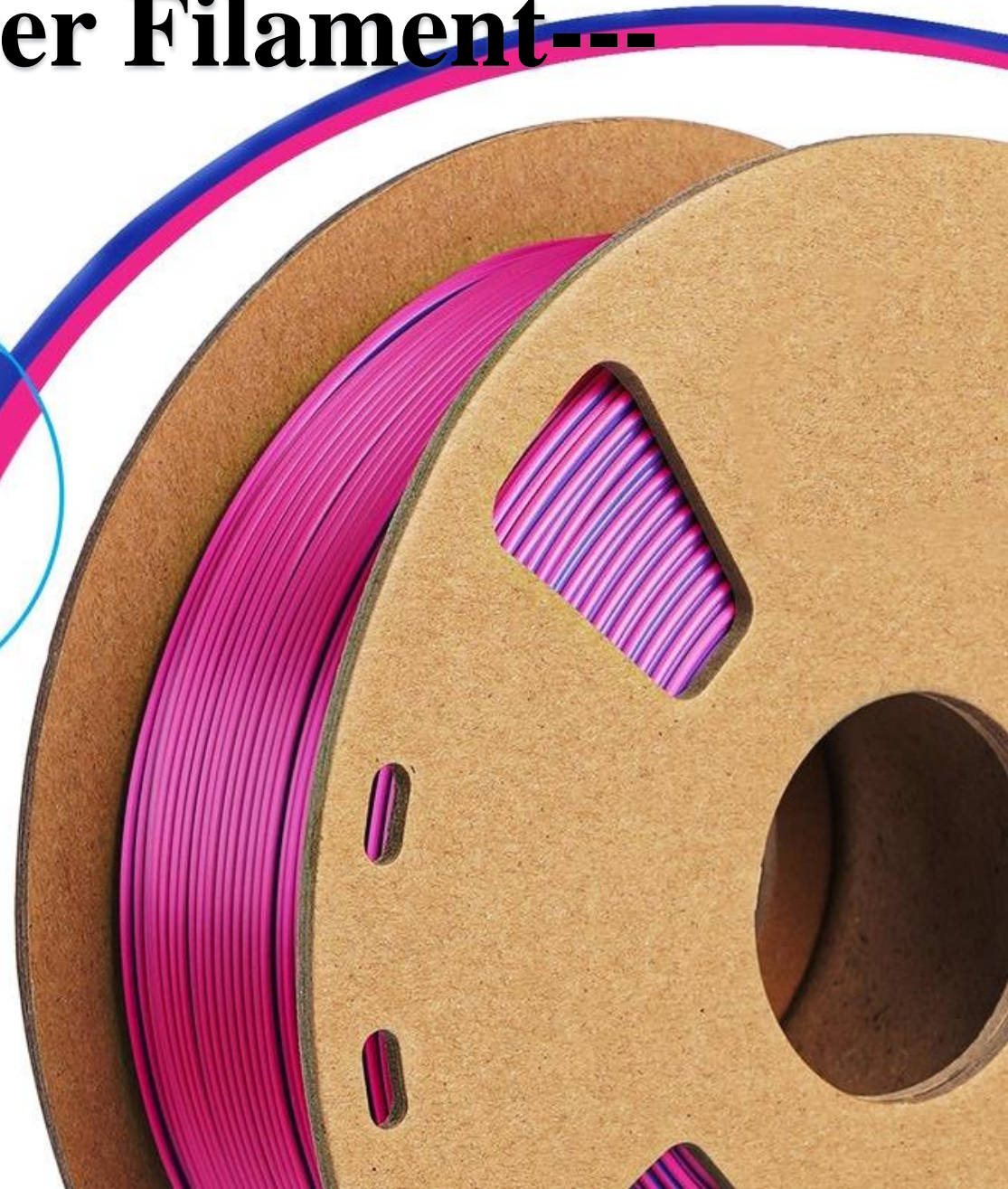
Fan: 80-100%

N.W:1kg G.W: 1.35kg



## Description:

1. Tri color filament is made from three individual colors, co-extruded into one filament. You can change the color by rotating the filament to different orientations.
2. Final printing has pearlescent and gorgeous silk surface.
3. Made of good quality import PLA material
4. Upgrade formula, MFI is lower than normal PLA
5. Good toughness.





# PLA Flexible+ 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 9 colors for selection

Printing temp:190-220°C

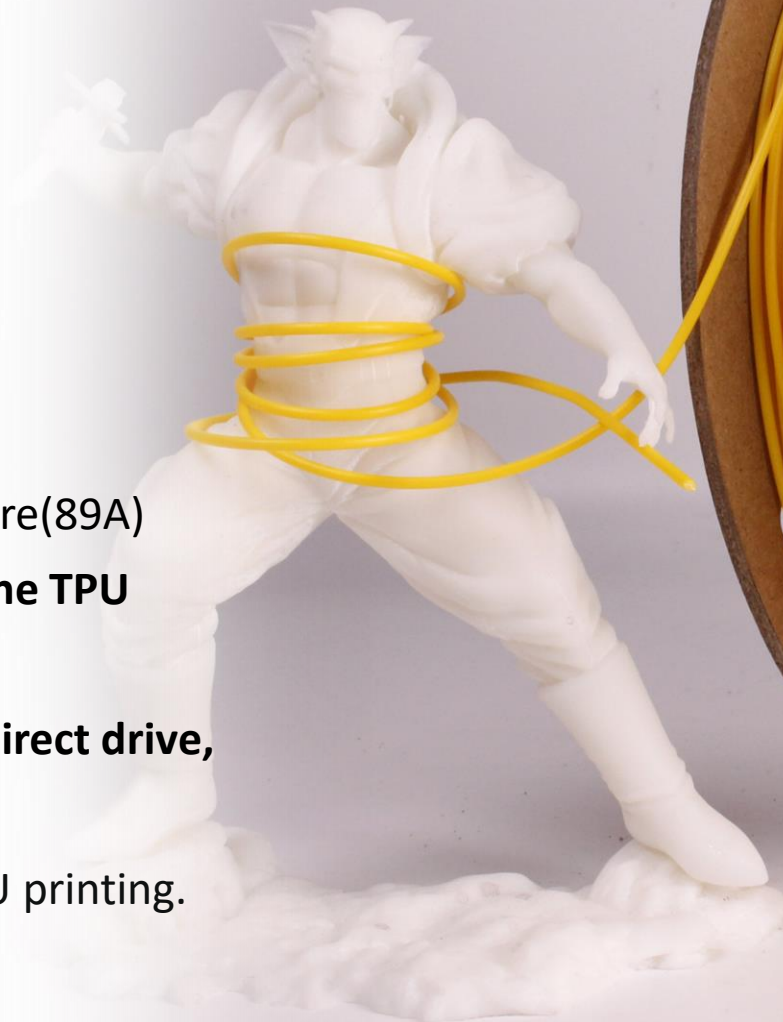
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Patented Flexible PLA Formula & 34D Shore(89A) hardness. Soft and flexible. **Can replace the TPU filament.**
2. **Compatible with Bowden extruder and direct drive,** working with any 3d printer.
3. Easy print as normal PLA, easier than TPU printing.



WISDREAM  
PLA Flexible+ 1.75mm 3D Filament  
Colour:Yellow  
100g  
Printing Temp:190-220°C

# Flex PLUS-PLA / TPU Filament Comparison

NO.	Wisdream FPLA	PLA Flexible	TPU
Material	PLA	PLA	TPU
Printing temperature	190-220	190-220	230-250
Hardness	34D	PLA hardness	85A(64D)
Accuracy	+/-0.02mm	+/-0.02mm	+/-0.05mm
Printing speed	60-90mm/s	60-90mm/s	30-40mm/s
printer nozzle	0.2-0.4mm	0.2-0.4mm	0.5-0.6mm
Print success rate	100%	100%	≤100%
Smell	No	No	Strong smell
Tensile Strength at Break	8.9--9.3Mpa	4.3-5.8MPA	9-11Mpa
Elongation at break %	580-600	8--10	500-600
Melt Volume Rate (170C 2.16kg)	6.38	4--6	2--4
Density(g/m3)	1.237	1.21-1.25	1.21-1.22
Melting point	137°C	168°C	178°C
Model complexity	Yes	Yes	Maybe not
Jammed	Maybe jammed	No	Maybe jammed
Model hardness 15% filled	Soft	Hard	Hard
Same model	Print as PLA	Print as PLA	Slowly more time
Extruder	Normal	Normal	Special extruder

# PLA Marble 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 3 colors for selection

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Special surface like marble, stone, come along with marble's natural and unique texture.
2. Suitable for printing 3D buildings, ornaments and other indoor models.
3. Clog-Free & Bubble-Free. Melt well to make sure filament feeds smoothly and constantly.
4. Upgrade formula, easy to remove support.



# PLA Wooden 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 3 colors for selection

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. The content of wood powder is 8-15%.
2. The color of natural wood, without any pigment.
3. No spots, no carbon spots.
4. Wood texture is realistic.
5. Good toughness.
6. Filament has a higher MFR, for which the recommended printing temperature is less than 200°C.



# PLA Luminous 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 6 colors for selection

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Glow in the dark
2. Upgrade formula, low viscosity, easy to remove support
3. It appears clear during the day, but glows at night. Perfect for creations that require understated, rich and mysterious look.



# PLA Luminous 3D Printer Filament



# PLA Glitter Galaxy 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 4 colors for selection

Printing temp:190-220°C

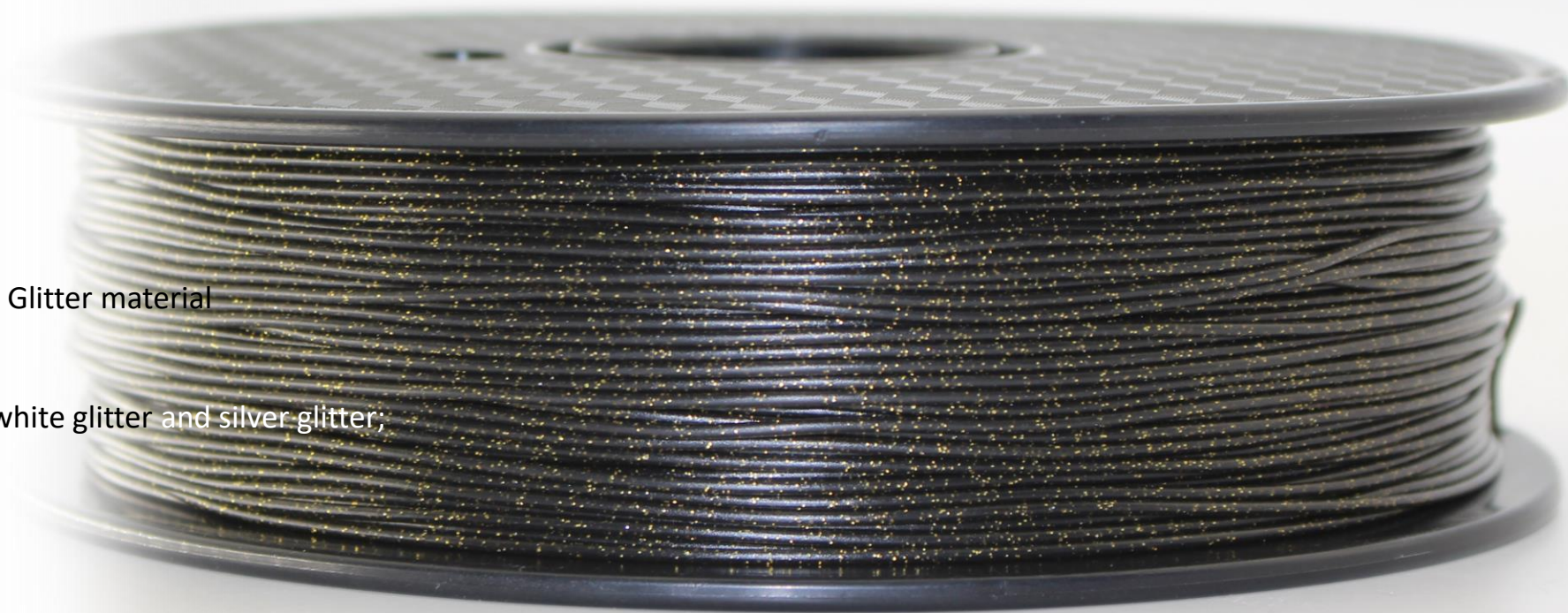
Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. The filament is made from PLA and Glitter material
2. Model printed glitter, as the galaxy
3. Three colors glitter, golden glitter, white glitter and silver glitter;  
gorgeous and unique.
4. Good toughness .



# PLA Translucent 3D Printer filament

Brand: Wisdream

Diameter:1.75mm

Colors: 6 colors for selection

Printing temp:190-220°C

Platform temp: 40-60°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Made of good quality import PLA material
2. Upgrade formula, MFI is lower than normal PLA
3. No fall down while surface printing.
4. Good toughness.
5. Good Light Diffusion.





# PLA Carbon Fiber 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Color: Black

Printing temp:200-240°C

Platform temp: 40-60°C

Fan: 80%-100%

N.W:1kg G.W: 1.35kg

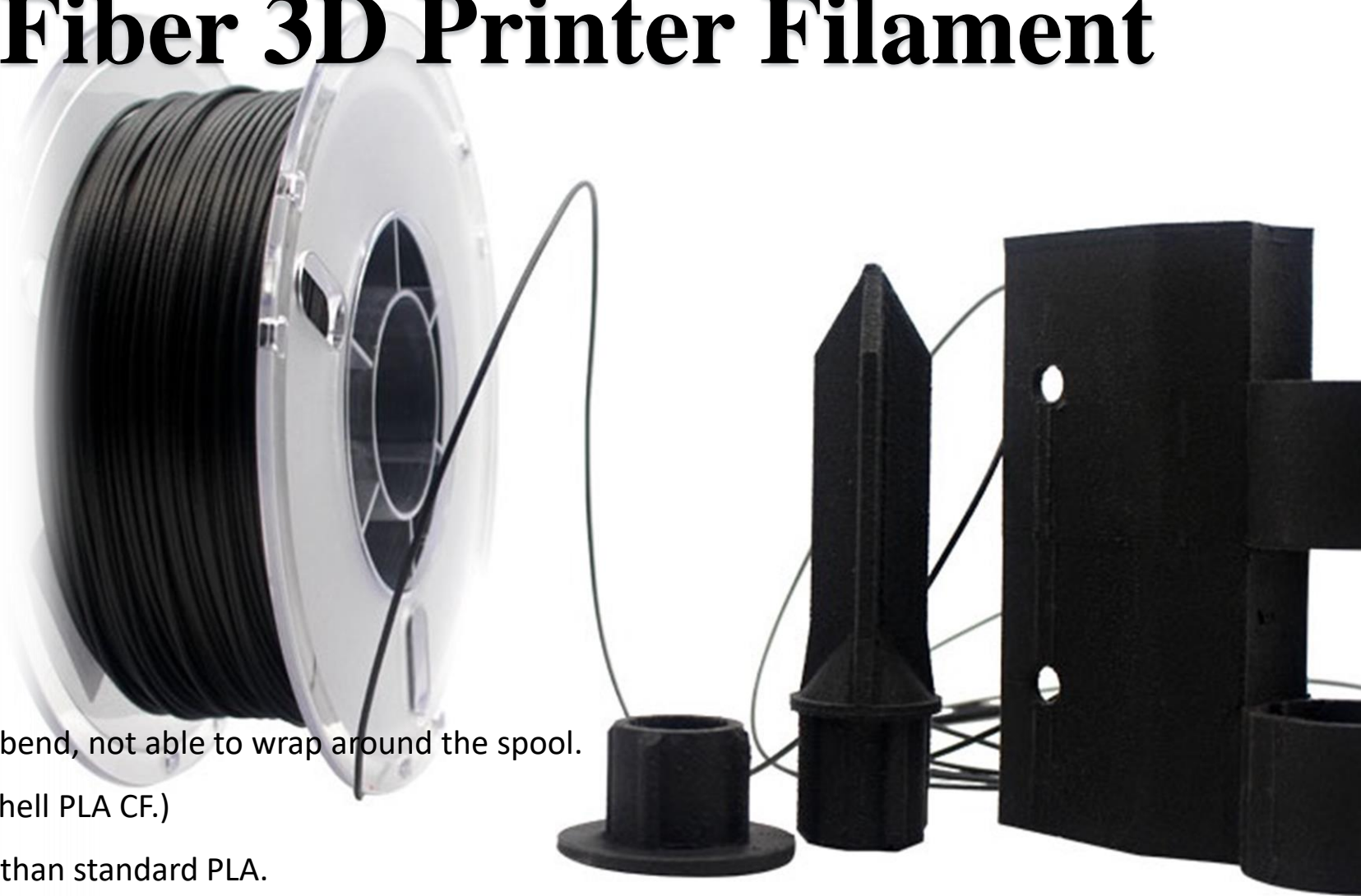
## Description:

1. PLA composited with carbon fiber;
2. Carbon fiber content < 10%

(If > 10%, the filament is too hard to bend, not able to wrap around the spool.

If need CF > 10%,please check core-shell PLA CF.)

3. Stronger, tougher and more abrasive than standard PLA.
4. Color with carbon fiber characteristics.



# Core-shell CF 3D Printer Filament

Brand: Wisdream

Diameter: 1.75mm

Color: Core-shell PLA CF 5 colors

Printing temp:--

Platform temp: --

Fan: --

N.W:1kg G.W: 1.35kg

## Description:

1. Core-shell CF filament: Core-shell structure, carbon fiber core with a customizable resin coating(shell layer thickness about 0.3-0.6mm) .
2. Flexible resin coating: Outer layer can be coated with one resin, such as PLA, ABS, PETG, PC, or PA.
3. Enhanced Wear Resistance & Tear Resistance: **3-5mm carbon fiber 25% content.**
4. Improved printing surface quality.
5. Anti-warping and Enhanced interlayer bonding.

PLA shell layer

carbon fiber core



# ABS Pro 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 13 colors for selection

Printing temp:220-240°C

Platform temp: 80-100°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. ABS is strong, impact resistant, and ideal for fully functional prototypes and other end-use applications.
2. Upgrade formula, with high toughness, high durability, versatility and smooth finish. Very Low warpage, print smooth, very easy to print.
3. This material is jointly developed by Minrean and Sinopec Group China. This material developed by Sinopec specially for 3d printer.



# ABS HYPER 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 5 colors for selection

Printing temp:260-280°C

Platform temp: 80-100°C

Fan: on

N.W:1kg G.W: 1.35kg

## Description:

1. **【UP to 600MM/S HIGH-SPEED PRINTING】** Specially designed for high-speed 3D printers. It allows printing at a speed of up to 600 mm/s without compromising the printing effect.
2. **【Upgraded formula】** Higher fluidity, smoother feeding, faster forming speed, perfect for high-speed 3D printers.
3. **【Stable Dimensional Accuracy  $\pm 0.02\text{mm}$ 】** Extremely high successful printing rate, saving time, filament, and electricity.
4. **【Easy to use and Wide compatibility】** Clog-Free & Bubble-Free. With improved toughness and fluidity, ABS HYPER offers wide temperature and speed ranges to suit all of your innovative needs. It fits most FDM 3D Printers, such as Bambu 3D Printers, Flashforge 3D Printers, Prusa 3D Printers etc.



# ABS Matte 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 2 colors for selection

Printing temp:220-240°C

Platform temp: 80-100°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## **Description:**

ABS filament with matte finish.



# PETG Pro 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 14 colors for selection

Printing temp:210-245°C

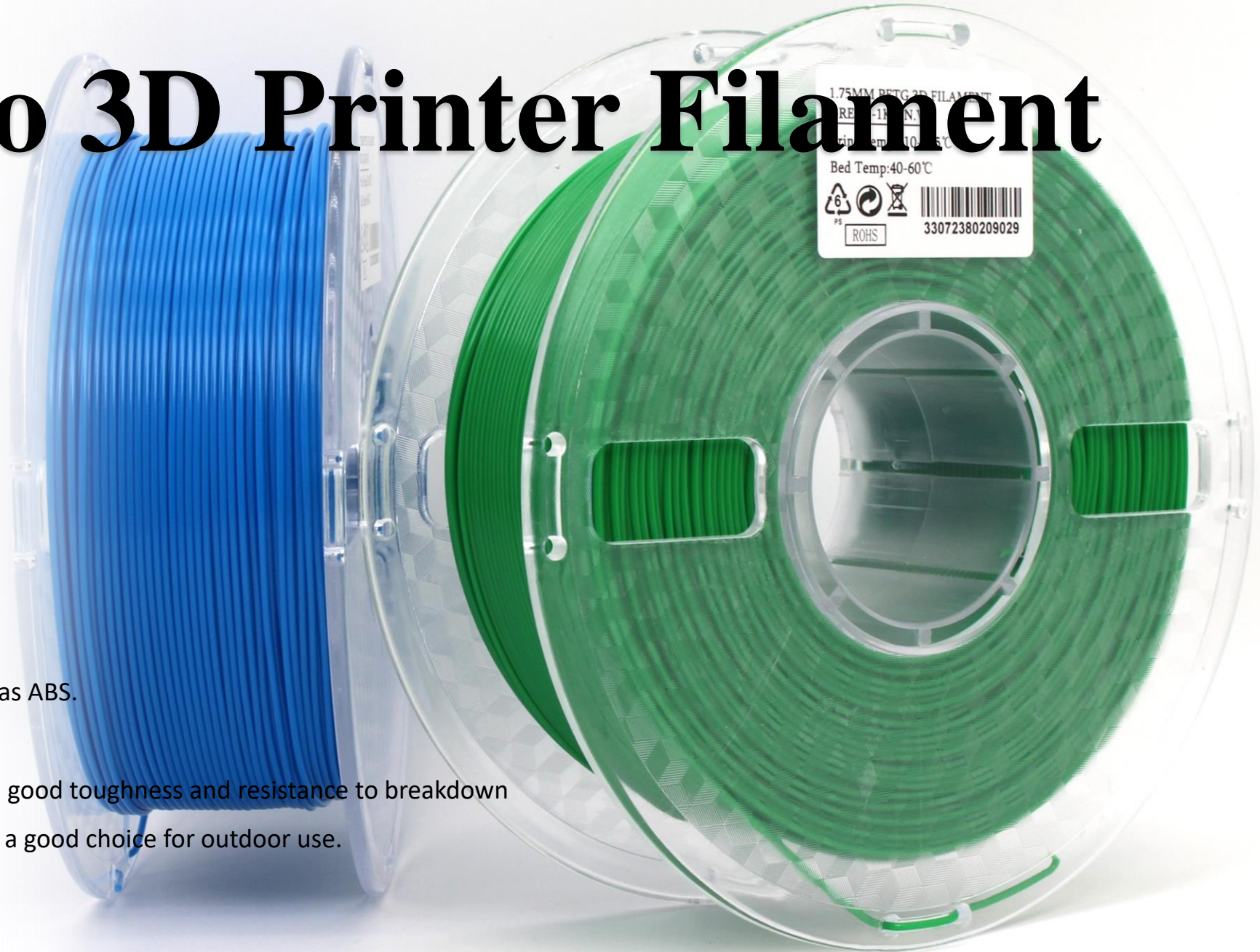
Platform temp: 40-80°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Pure raw material PETG, non-toxic.
2. Easy to print like PLA; rigid and tough as ABS.
3. Low shrinkage and low hygroscopic;
4. Exceptional durability, good adhesion, good toughness and resistance to breakdown due to water and other chemicals. It's a good choice for outdoor use.



# PETG HYPER 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 5 colors for selection

Printing temp:260-280°C

Platform temp: 40-80°C

Fan: on

N.W:1kg G.W: 1.35kg

## Description:

1. **【UP to 600MM/S HIGH-SPEED PRINTING】** Specially designed for high-speed 3D printers. It allows printing at a speed of up to 600 mm/s without compromising the printing effect.
2. **【Upgraded formula】** Higher fluidity, smoother feeding, faster forming speed, perfect for high-speed 3D printers.
3. **【Stable Dimensional Accuracy  $\pm 0.02\text{mm}$ 】** Extremely high successful printing rate, saving time, filament, and electricity.
4. **【Easy to use and Wide compatibility】** Clog-Free & Bubble-Free. With improved toughness and fluidity, PETG HYPER offers wide temperature and speed ranges to suit all of your innovative needs. It fits most FDM 3D Printers, such as Bambu 3D Printers, Flashforge 3D Printers, Prusa 3D Printers etc.



# PETG Matte 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 2 colors for selection

Printing temp:210-245°C

Platform temp: 40-80°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## **Description:**

PETG filament with matte finish.





# TPU 3D Printer Filament

Brand: Wisdream

Diameter: 1.75mm/2.85mm/3.00mm

Colors: 12 colors for selection

Printing temp: 230-250°C

Platform temp: 80-120°C

Fan: 80-100%

N.W: 1kg G.W: 1.35kg

## Description:

1. Hardness 95A/85A/64D for selection.
2. Rubber-like elasticity, high tear and abrasion resistance, high elongation at break, good thermal stability.



# SILK TPU 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: 8 colors for selection

Printing temp:230-250°C

Platform temp: 80-120°C

Fan: 80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Hardness 95A,with silky surface
2. Rubber-like elasticity, high tear and abrasion resistance, high elongation at break, good thermal stability.



# Flex PLUS-PLA / TPU Filament Comparison

NO.	Wisdream FPLA	PLA Flexible	TPU
Material	PLA	PLA	TPU
Printing temperature	190-220	190-220	230-250
Hardness	34D	PLA hardness	85A(64D)
Accuracy	+/-0.02mm	+/-0.02mm	+/-0.05mm
Printing speed	60-90mm/s	60-90mm/s	30-40mm/s
printer nozzle	0.2-0.4mm	0.2-0.4mm	0.5-0.6mm
Print success rate	100%	100%	≤100%
Smell	No	No	Strong smell
Tensile Strength at Break	8.9--9.3Mpa	4.3-5.8MPA	9-11Mpa
Elongation at break %	580-600	8--10	500-600
Melt Volume Rate (170C 2.16kg)	6.38	4--6	2--4
Density(g/m3)	1.237	1.21-1.25	1.21-1.22
Melting point	137°C	168°C	178°C
Model complexity	Yes	Yes	Maybe not
Jammed	Maybe jammed	No	Maybe jammed
Model hardness 15% filled	Soft	Hard	Hard
Same model	Print as PLA	Print as PLA	Slowly more time
Extruder	Normal	Normal	Special extruder

# PA Nylon 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: white, black

Printing temp:230-270°C

Platform temp: 80-100°C

N.W:1kg G.W: 1.35kg

## Description:

1. Made by Nylon (PA6)material;
2. High toughness high strength;
3. High heat distortion temperature 75°C;
4. Without warping, no cracking in model.



# PA Nylon+GF/CF 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: black

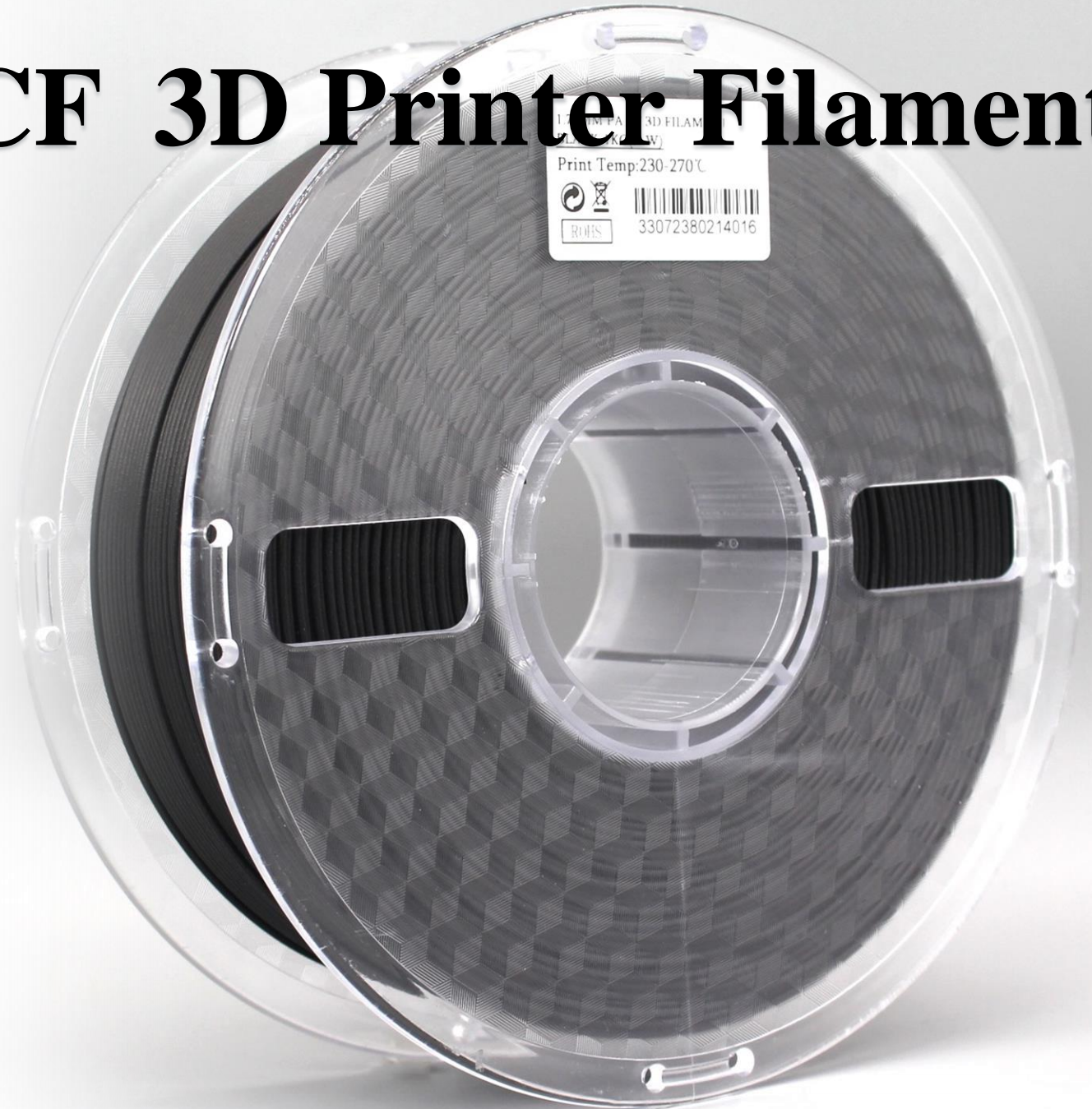
Printing temp:230-270°C

Platform temp: 80-100°C

N.W:1kg G.W: 1.35kg

## Description:

1. The filament is composed Nylon (PA6) material ;
2. High toughness high strength;
3. Highest HDT (heat deflection temperature)  $\geq 180$ ;
4. Injection Tensile-Elasticity Modulus  $\geq 160$ Mpa;
5. 3D Printing Tensile Strength  $\geq 55$ Mpa.



# PC Pro 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: white, black

Printing temp:260-280°C

Platform temp:90-100°C

Fan:80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Impact resistant
2. High heat resistance
3. Naturally transparent
4. Chemical Resistance
5. Bendable without breaking



# PC+GF/CF 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Color: black

Printing temp:230-260°C

Platform temp:40-60°C

Fan:80-100%

N.W:1kg G.W: 1.35kg

## Description:

1. Impact resistant
2. High heat resistance
3. Naturally transparent
4. Chemical Resistance
5. Bendable without breaking



# Filament PEEK series



- PEEK
- PEEK Carbon fiber

## **Polyether ether ketone**

more commonly known as PEEK, is a semi-crystalline thermoplastic that is well known in the manufacturing industry for its mechanical properties.



# PEEK 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: nature

Printing temp:400-450°C

Platform temp: 85-120°C

Chamber temperature:85

N.W:1kg G.W: 1.35kg

## Description:

1. The filament is made of PEEK materials.
2. The crystallinity and cleanliness are good;
3. PEEK materials Pass the ISO-10993;
4. The material is resistant to strong acid and alkali;
5. Heat deformation temperature over 240 degrees;



# PEEK CF/GF 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: black

Printing temp:400-450°C

Platform temp: 85-120°C

Chamber temperature:85

N.W:1kg G.W: 1.35kg

## Description:

1. The filament is made of PEEK materials and carbon fiber.
2. PEEK materials Pass the ISO-10993;
3. The material is resistant to strong acid and alkali;
4. High Toughness & High Strength
5. Highest HDT (heat deflection temperature)  $\geq 240^{\circ}\text{C}$
6. Highest Glass Fiber Filling - 10% GF Filled
7. Injection Tensile-Elasticity Modulus  $\geq 160\text{Mpa}$
8. 3D Printing Tensile Strength  $\geq 95\text{Mpa}$



# PVA Water Soluble 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm/2.85mm/3.00mm

Colors: nature

Printing temp:220-260°C

Platform temp: 40-60°C

Fan: 80-100%

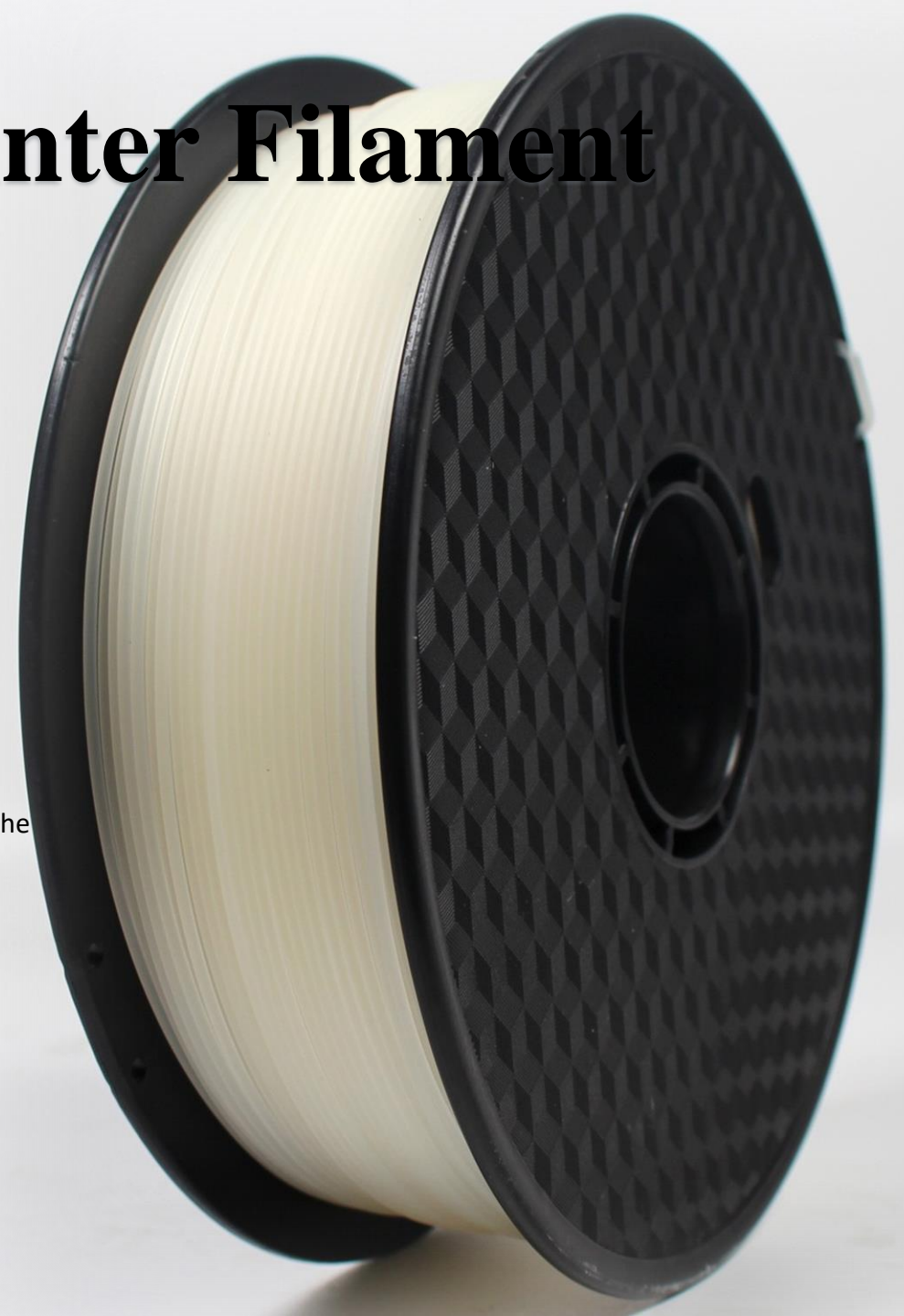
EASY Print as PLA

N.W:1kg

G.W: 1.35kg

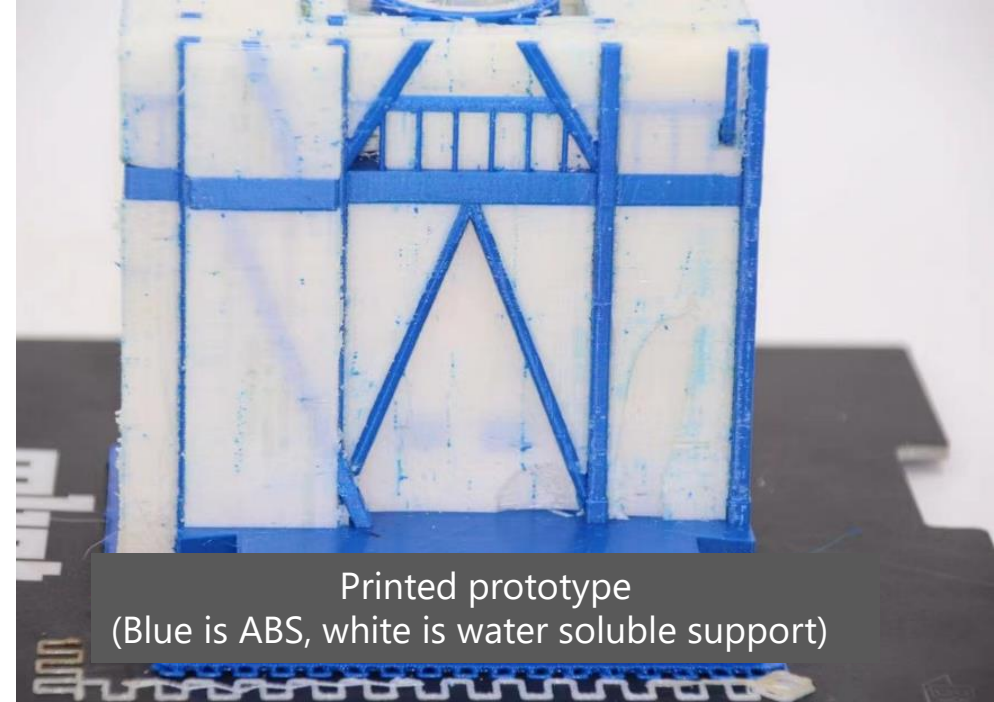
## Description:

1. Made by Easter with special material, environmentally friendly material;
2. PVA is a water-soluble support consumable, which is very suitable for supporting PLA printing models.
3. Very compatible with materials such as PLA / ABS / PC, adhesion well.
4. For porous structures, it is not convenient to remove the support structure inside the model, PVA is the best support material.
5. Filament needs to be soaked in warm water and dissolve. Higher water temperature, the faster dissolves.
6. When dissolved, stir the water to ensure warm water is in full contact with the filament.
7. Replace or add water when the solution reaches dissolution saturation.
8. If there is a small amount of residue, please add alcohol to the hot water to dissolve again until the residue removed.
9. Model will become soft in air for 30 days.





Effect after about 3 minutes



Printed prototype  
(Blue is ABS, white is water soluble support)



Support dissolved in about 3 minutes  
after warm water poured

# Minreon PVA filament & Normal PVA/HIPS Comparison

NO.	Minreon soluble filament	Normal PVA	HIPS
Material	PVA and Easter	PVA	HIPS
Printing temp	220-240°C	190-230°C	200-230°C
Bibulous rate	≤0.3%	≥0.3%	≥0.3%
Water temperature	30-60°C	Room or high temp	NO
Naked in the air	Become soft slow	Become soft fast	NO
Dissolved speed	10-30 min 1.75mm	≥40min 1.75mm	NO
Stick with PLA /ABS	Good	No good	Good
Smell	No	No	Strong smell
Single use	Yes	Hard	Yes
Jammed	No	Maybe	No
Solvent	No need	No need	Need more solvent

# PVB Alcohol Polishing 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: 2 colors for selection

Printing temp:205-225°C

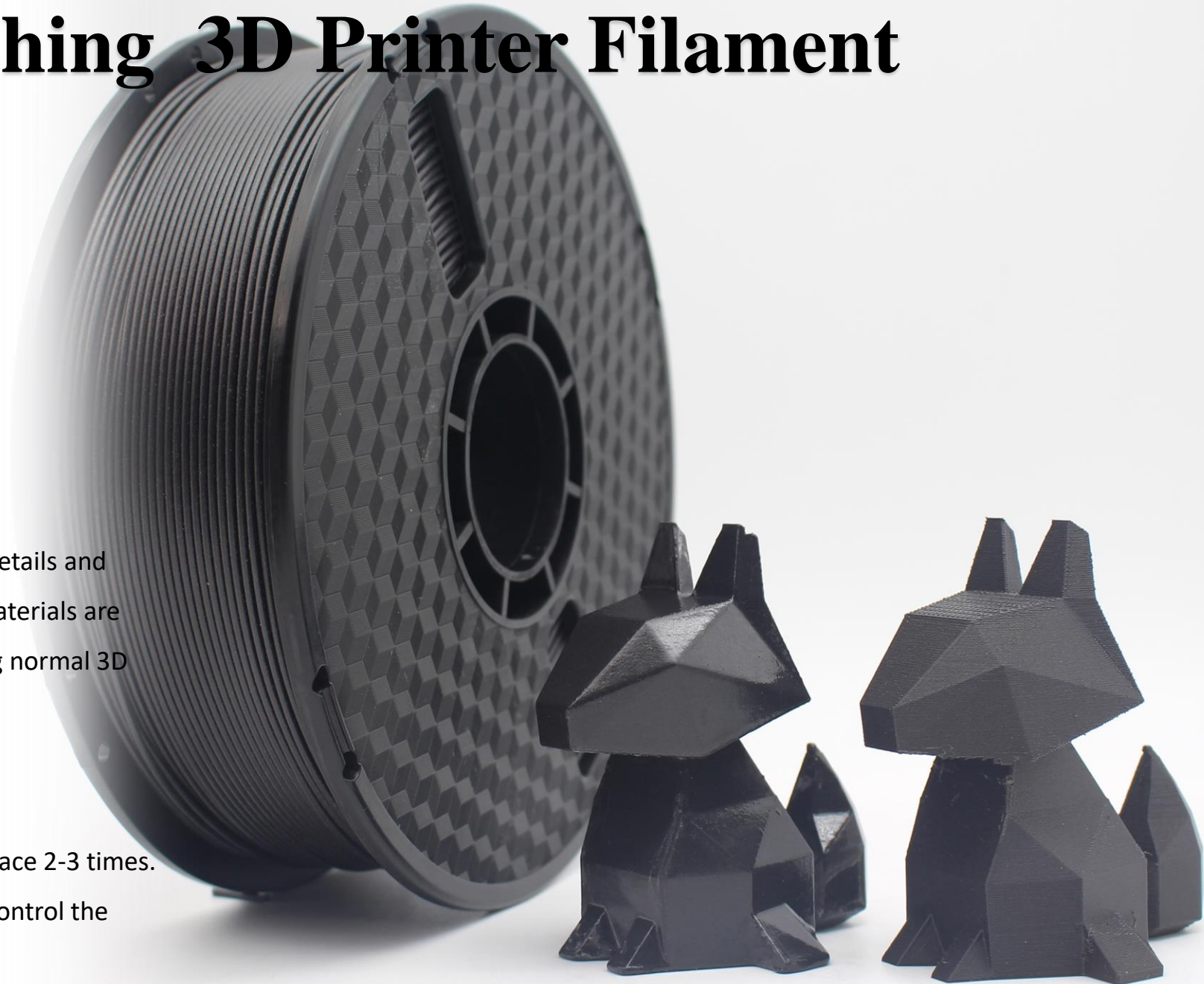
Platform temp: 40-60°C

**Easy print as PLA**

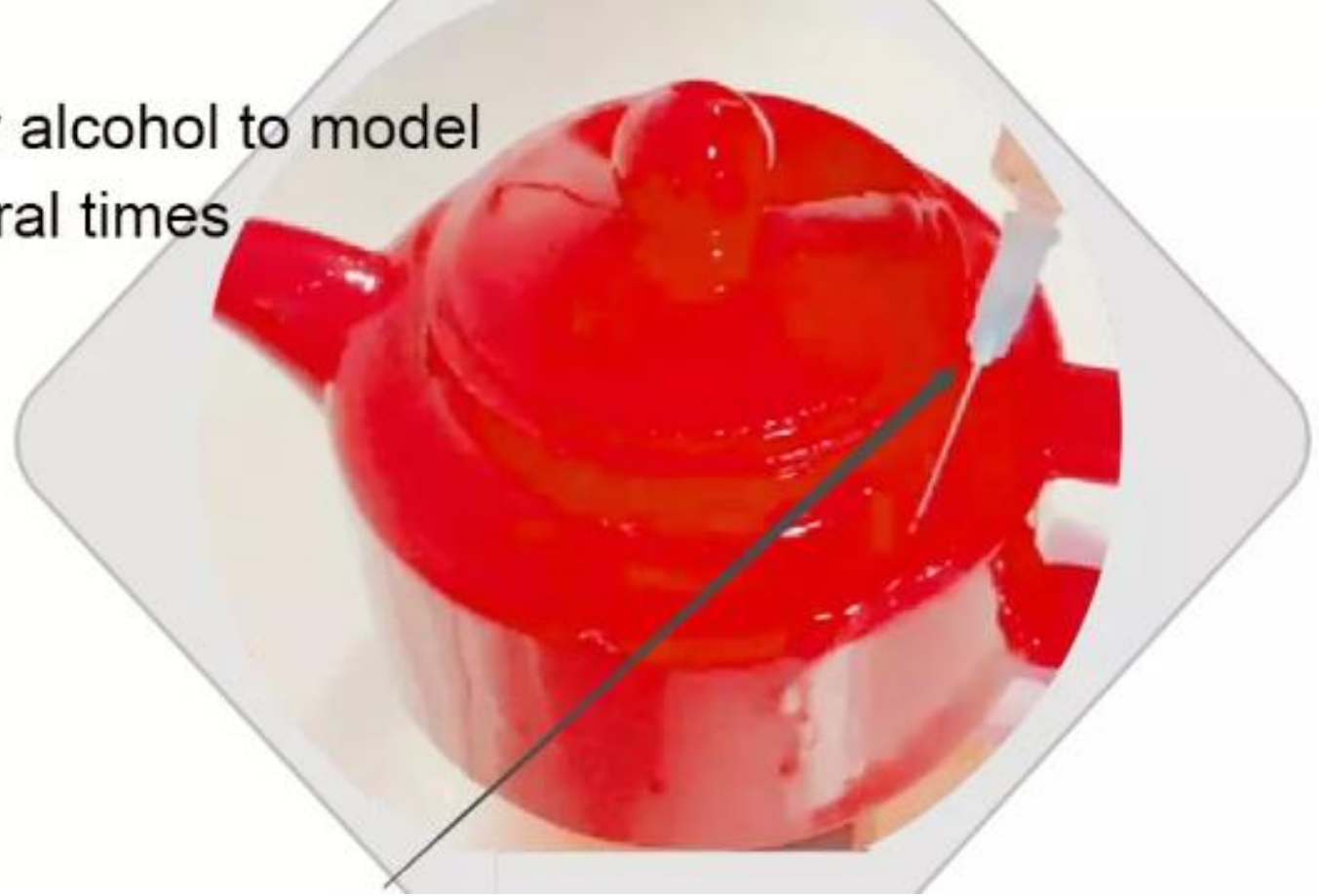
N.W:1kg G.W: 1.35kg

## Description:

1. FDM printers can also print out models with vivid details and smooth polished surfaces like resin printing. The materials are made of polyolefins, non-toxic and safe when doing normal 3D printing.
2. It can be polished by alcohol ;
3. No need polishing machine.
4. Use spray bottle spray 99.5% alcohol to model surface 2-3 times.
5. After polished, the surface is very smooth, please control the polishing time well.



Syringe spray alcohol to model  
surface several times



# ASA 3D Printer Filament

Brand: Wisdream

Diameter:1.75mm

Colors: 5 colors for selection

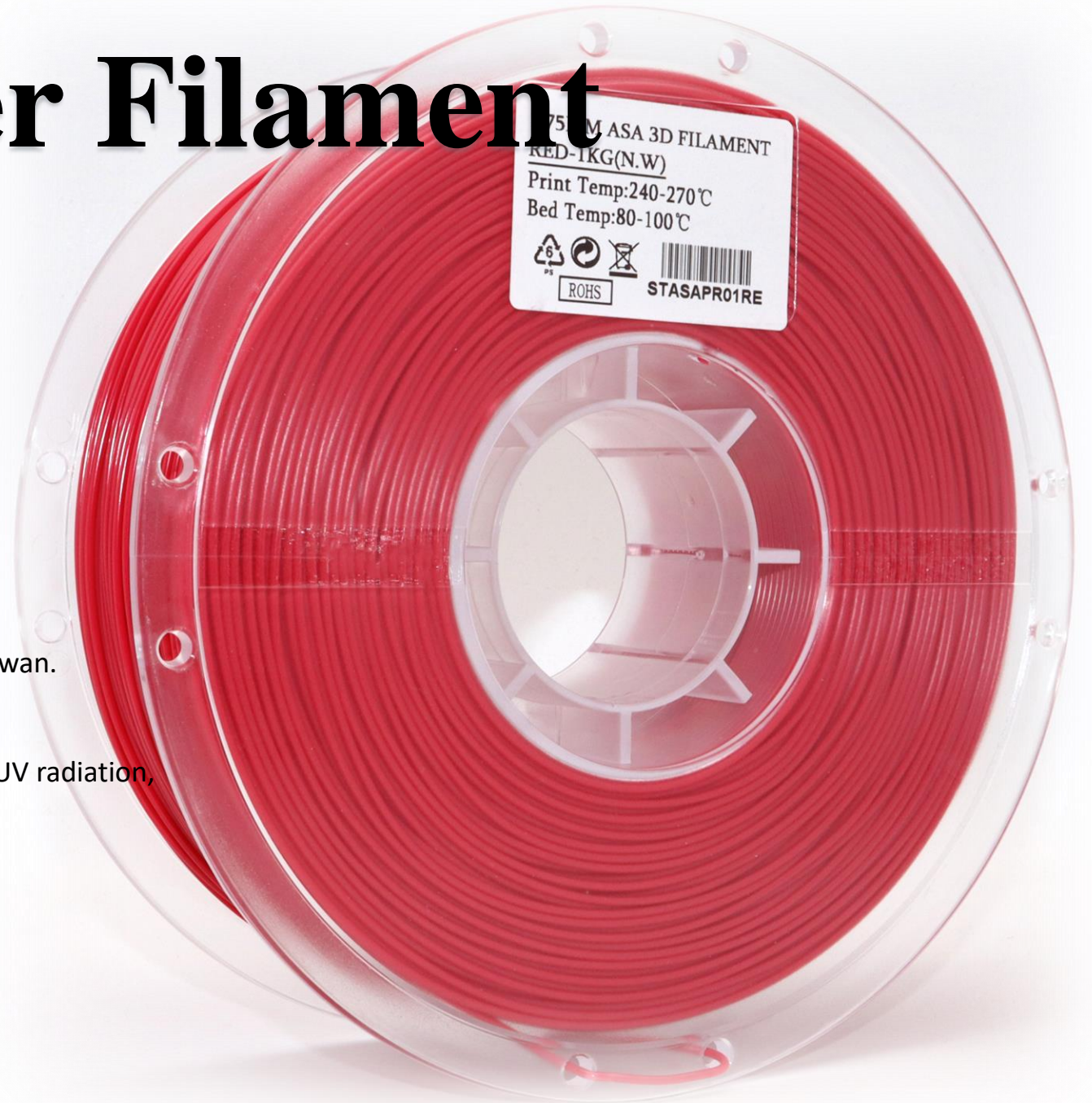
Printing temp:225-245°C

Platform temp: 80°C-120°C

N.W:1kg G.W: 1.35kg

## Description:

1. Produced by ASA KIBILAC PW-997S material imported from Taiwan.
2. Smooth and easy when printing, upgraded formula.
3. Suitable for outdoor use, good resistance against weathering, UV radiation, heat and chemical degradation.
4. Good impact resistance.





# FlexiTough 3D Printer Filament

## (Developed specifically for 3D printed airless basketballs)

Brand: Wisdream

Diameter: 1.75mm

Colors: 10 colors for selection

Nozzle: 0.4/0.6mm

Printing speed: 60-150mm/s

Printing temp: 220-240°C

Platform temp: 0-40°C

Fan: 80-100%

N.W: 1kg G.W: 1.5kg

### Description:

1. New material FlexiTough Flexible Filament, Developed Specifically for 3D printed airless basketballs.
2. With FlexTough, we've achieved a remarkable balance between durability and bounce, making the printed airless basketballs bouncy like a real basketball. Ideal for everyday play, indoors or outdoors, these airless basketballs promise an unparalleled experience.



# MA Filament- Moisture-Activated Filament



Brand: Wisdream

Diameter: 1.75mm

Colors: 7 colors for selection

Nozzle: 0.4-0.6mm

Printing speed: 60-150mm/s

Printing temp: 200-240°C

Platform temp: 40-60°C

Fan: 80-100%

N.W: 1kg G.W: 1.35kg

## Description:

1. **New Technology:** This magical filament is a medium hard plastic when it's in dry state. After 3D printing, the model will become soft when it is put in water for about one hour or when it is put in a humid environment for a long time.
2. **High successful printing rate :** The printing setting is same as PLA printing, very easy to work with.
3. **Compatible with most of FDM 3D Printers in market. No Need Special Extruder.**
4. **Easy Printing for flexible Complex or Tall Models:** MA filament allows creators to make more complex models or print taller models without the problem of that too high model will cause the model top easy to wobble to a printing failure.
5. **AMS compatible.**



# PACKING READY TO SHIP – 1KG SPOOL – FAST DELIVERY



Standard: Spool+ vacuum seal+Desiccant+ Box

One spool size: 210\*210\*65mm, net weight 1KG/roll

10 spools one carton one carton:

Gross weight:14.6kgs

Size:44cm\*35cm\*23cm

# MORE SPOOL TYPES FOR YOUR PRINTING NEEDS



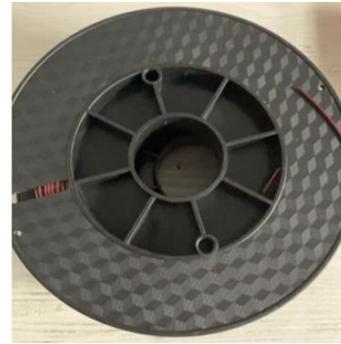
250G SPOOL



1KG SPOOL



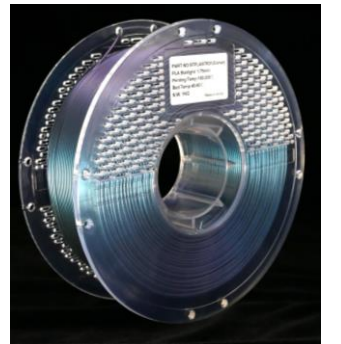
1KG SPOOL



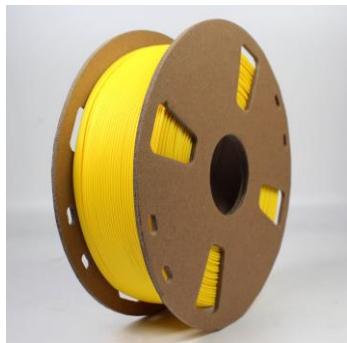
500G SPOOL



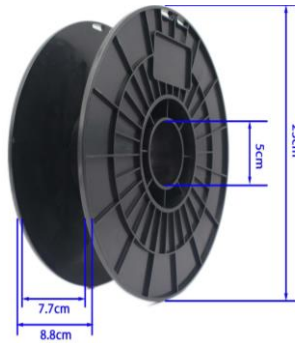
1KG SPOOL



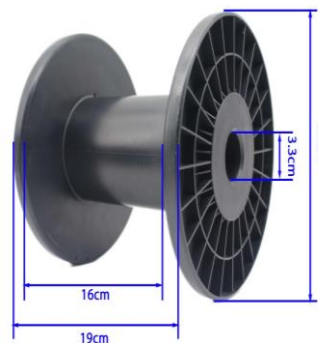
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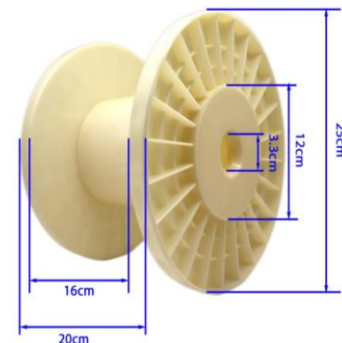
1KG SPOOL



2KG SPOOL



3KG SPOOL



5KG SPOOL



250G SPOOL



# Workshop Display

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# CONTACT US

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