

Temperature Color Change PLA+ Filament Red to Pink 1.75mm 1KG 3D Printer Filament Color Changing FDM 3D Printing Material Changing with Temperature

Our Product Introduction

for more products please visit us on iboss3d-export.com

Basic Information

- Place of Origin: Qingyuan, china
- Brand Name: iBOSS
- Certification: ROHS
- Model Number: PLA+
- Minimum Order Quantity: 48kg/rolls
- Price: US\$13
- Packaging Details: 1KG/PCS, packed into a 30*35CM PU vacuum shrink bag, 12 corrugated aircraft CTNs(21.5*20.5*6.9CM) in a 43.1*23.2*43CM box,
- Delivery Time: 5-7days
- Payment Terms: L/C, D/A, D/P, T/T,
- Supply Ability: 10000000kg

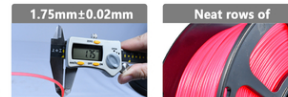


Product Specification

- Hs Code: 3916909000
- Printing Speed: 40-100mm/s
- Packing Box Size: 21*21*7cm
- Printing Technology: 3D Printing
- Tensile Strength: $\geq 60\text{MPa}$
- Origin: China

Accurate 3D Printer Filament Diameter

Ensuring smooth and uniform extrusion for superior prints.



More Images



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Elevate your 3D printing projects with our Temperature Color Change PLA+ Filament, a dynamic material that transforms from vivid red to soft pink as temperature shifts. With a 1KG spool and 1.75mm diameter, this filament balances longevity with compatibility for most FDM 3D printers, ensuring smooth extrusion and consistent results.

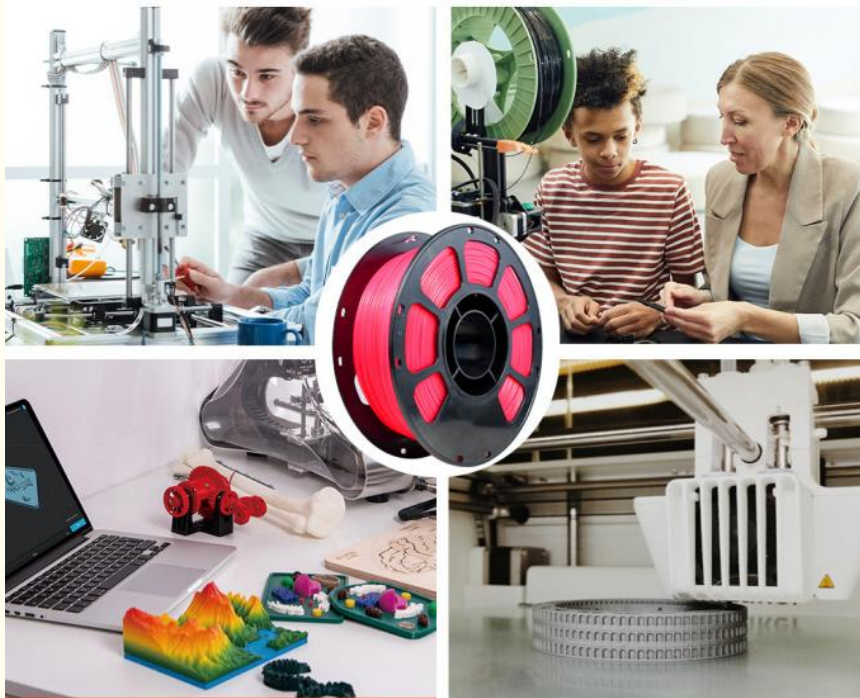
Crafted from premium PLA+ blend, the filament combines eco-friendly properties with enhanced durability, resisting warping and breaking during printing. The color transition activates at approximately 25-30°C (77-86°F), making it ideal for functional designs like mugs, phone cases, or interactive art that react to hand warmth or environmental changes. Its vibrant hue range adds an engaging visual dimension, while the recommended printing temperature of 190-220°C ensures ease of use for both beginners and professionals.

Perfect for creating customizable, temperature-responsive models, this filament blends technical reliability with creative flair, bringing dynamic color shifts to every 3D printed creation.

THE CHOICE OF "STRONG AND TOUGH"



SUITABLE FOR ALL 3D PRINTERS ON THE MARKET



ENVIRONMENTALLY FRIENDLY

NON-TOXIC AND HARMLESS DEGRADABLE



Model	PLA+
Net Weight (KG)	1KG
Gross weight	1.4KG
Packing box size	21*21*7cm
Diameter(mm)	1.75mm
Tolerance(mm)	±0.02mm
Print Temperature (°C)	200-230°C
Base plat Temperature (°C)	60°C
Density	1.23±0.05g/cm3
Printing Speed	40-100m
Melt Index	14-18g/10min (190°C,2.16kg)

Bubble	100% without bubble
Length of Line (Ø 1.75±0.2mm)	1.75mm=330m
Tensile strength	≥62Mpa
Flexural modulus	1970 Mpa
Izod Notch	7KJ/m2
Impact Strength	
Elongation at Break	52 or 53 (°C, 0.45Mpa)
Hydroscopicity	0.005
Reel Size	Ø20.0cm * 6.4cm H

About us



QINGYUAN IROSS INTELLIGENT TECHNOLOGY CO., LTD

It is an international team full of enthusiasm for 3D printing. We produce the best 3D printing materials by controlling each stage of production. With a diverse portfolio of materials from high-performance plastics to unique aesthetic solutions, polymaker will continue to add cutting-edge materials to its growing portfolio. Adhering to the corporate philosophy of "integrity, focus, innovation and pragmatism" while striving for the company, the company continues to forge ahead and strive to promote the innovative development of the world's 3D printing industry.

PRODUCTION ABILITY

We have the most advanced equipment and the most professional technicians to produce the best products.

Factory scale
2400m²

Experience
30+ YEARS

Our team
55+



Certifications

