

CREALITY

PLA filament (Polylactic acid or polylactide)



Το PLA (πολυγαλακτικό οξύ ή πολυλακτίδιο) είναι ένα σκληρό θερμοπλαστικό, κατασκευασμένο από ανανεώσιμες πηγές (κυρίως άμυλο καλαμποκιού).

Το νήμα PLA έχει χαμηλή συρρίκνωση και σχετικά χαμηλή θερμοκρασία τήξης 175° C. Είναι ένα εύκολο υλικό για επεξεργασία, καθώς και για συνδυασμούς διαφόρων ενώσεων.

Το PLA αποτελεί το πιο δημοφιλές υλικό 3D εκτυπώσεων!

Τα PLA Filament είναι συμβατά με σχεδόν όλους τους 3D εκτυπωτές!

CR-PLA printing filament

Product Parameter

The filament thread head can be fixed in the hole of filament wheel.

The filament wheel can be hung on the printer.

The filament has bright color, consistent diameter and great flexibility.

The filament wheel is neither too hard, nor too soft, smooth and gentle to touch



Material

CR-PLA

ABS

Nozzle Temperature	195–210℃	215–245℃
Density	1.25±0.05g/cm ³	1.02±0.02
Melt flow rate	5–7g/10min(190℃,2.16kg)	30g±1.2g/10min (200℃,5kg)
Water absorbency	0.5%	≤0.25%
Tensile strength	≥60MPa	≥45.2±1.4MPa
Bending modulus	≥60MPa	≥2388±230MPa
Breaking elongation	≥3.0%	≥35.3%±3.4%
Filament diameter	3mm/1.75mm	3mm/1.75mm
Bubble	100% No bubbles	≥100% No bubbles
N.W.	1kg (Filament Length 340m)	1kg
Size of filament wheel	Diameter 200mm, height 66mm, hole diameter 56mm	Diameter 200mm, height 66mm, hole diameter 56mm
Temperature of hot bed	45–55℃	≥90℃

FLOWING ART MAKES 3D PRINTING BETTER



Good flow

CR-PLA PRINTING FILAMENT

Multiple Colors of Filament Give You More Choices

Always a color for you

Disclaimer: It is the user's responsibility to ensure the filament is used in a safe and appropriate manner. The filament is not intended for use in any application where it may be exposed to high temperatures or other conditions that may cause it to degrade or become unusable. The filament is not intended for use in any application where it may be exposed to high temperatures or other conditions that may cause it to degrade or become unusable.



Blue



Green



Red



Orange



Yellow



Pink



White



Transparent color



Black



Flesh color



Golden



Brown



Gray



Purple



Fluorescein yellow



Fluorescein red



Fluorescein orange



Fluorescein green

More colors to explore.....

CR-PLA printing filament

High Purity And Green Raw Material

No waste and recycled material, no blockage and
sufficient extrusion

However, in the case of more and more serious air pollution, caused with the sudden transition of the climate during the seasonal transition,
the materials that should be strictly controlled. The best choice is to use high-purity, non-toxic and harmless materials to meet the needs of long-term treatment
conditions and modern people's high demand for life. Therefore, the absolute treatment of toxic materials is of great significance.

FECO

Health, green, non-toxic
and nuisanceless



CR-PLA printing filament

Small Tolerance of Filament Diameter, Better Printing

The tolerance of filament diameter is within $\pm 0.2\text{mm}$, with better printing and higher precision

Attention: If the width of the filament is not within the tolerance, it will affect the printing quality of the filament. Please check the filament diameter and quality before use. The tolerance of the filament diameter is $\pm 0.2\text{mm}$.



CR-PLA printing filament

Good Tensile Strength High Quality and Great Flexibility

Good tensile strength, good ductility, good flow,
low shrinkage, good flexible and low weight

Because of the high quality of the filament, it is suitable for the production of the filament in the second section.
The filament has been tested and passed the test. The filament has been tested and passed the test.
The filament has been tested and passed the test. The filament has been tested and passed the test.



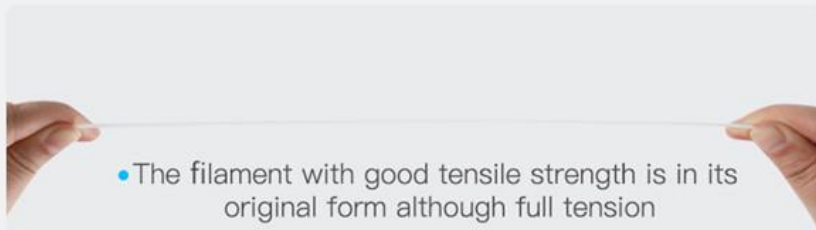
- Slightly fold: unchanged



- Half fold: unchanged



- Complete fold: unchanged



- The filament with good tensile strength is in its original form although full tension



TOUGHNESS

CR-PLA printing filament

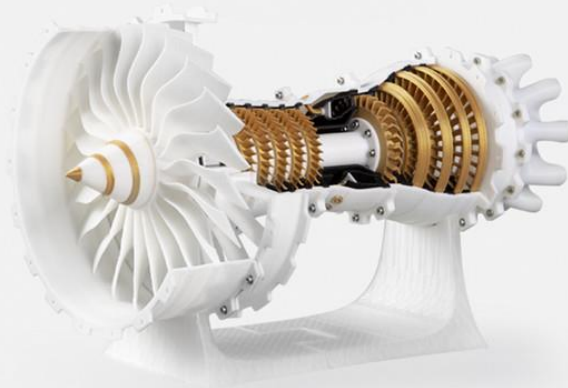
No Warping Better Printing

The printed model with no warping and bubbles has fine surface and color accuracy

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Robot



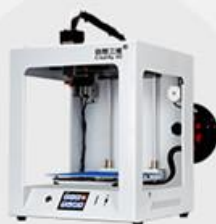
Turbine

CR-PLA printing filament

Applicable Models

Suitable for all 3D printers
on the market

Disclaimer: The use of this filament is subject to the user's responsibility. The user shall be responsible for the quality of the printed parts. The user shall be responsible for the quality of the printed parts. The user shall be responsible for the quality of the printed parts.



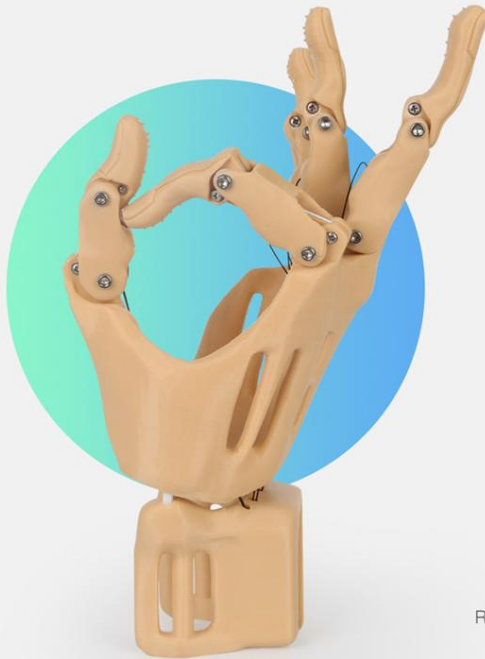
CR-PLA printing filament

Model Display

Eagle Head



Robot-hand



CR-PLA printing filament

Product Display



CREALITY

Creality is a leading 3D printer manufacturer dedicated to developing the FDM/resin 3D printer, 3D printer filament, and maker related products. Subscribe to learn more.