

# PLA filament Sunruy PLA-175-color

## PLA filament:

1. Lower melting point and better smell than ABS, flow rapidly, seldom blocking the nozzle
2. PLA Filament has small shrinkage even printing big size model
3. Good biodegradation, good for environment
4. Diameter: 1.75mm, tolerance +/-0.1mm, roundness +/-0.05mm
5. Variety colors available
6. Smokeless and tasteless, good for indoor printing
7. Water absorption: very low, no bubbles in printed molds.

## What is PLA?

Chemical name: Polylactic Acid

PLA is a thermoplastic aliphatic polyester derived from renewable resources, such as corn starch. In 2010, PLA had the second highest consumption volume of any bioplastic of the world.

## Features

1. A Kind Of Biodegradable Material. Bury it In The Ground After Used Up, It Will Be Fully Biodegradable d By Microorganism. The Carbon Dioxide Will Go Into Soil Organic Matter Directly Or Absorbed By Plants . Will Not Causing The Greenhouse effect.
2. Good Mechanical Property And Physical Property.
3. Thermostability. Processing Temperature: 190-220 Degree (374-428 Fahrenheit), Can Be Processed In Various Ways, Such As Spinning/Biaxial rawing/Injection-blow Molding And So On.
4. With Good Glossiness, Pellucidness, Antibacterial Property, Flame Retardance
5. Security. When Burn The PLA, The Combustion Heat Is The Same With Paper, A Half Of Polyethylene. I t Will Not Produce Harmful And Poisonous Gas Such As Nitride, Sulfide And So On.

## Application

1. Automotive Field: Car Ottomans, Car Door, Rims,Saddle etc.
2. Disposable Products: Disposable Tableware, Packaging Material For Food etc.
3. Electronic Field: Components and Shell Of Laptop/Cell Phone, Shell Of DVD, PLA CD Disc.
4. Biological Medicine Field: Disposable Infusion Tools, Surgical Suture etc.

## Material: PLA

Print Temperature:190-220 Degree (374-428 Fahrenheit)Optional support layer: optional

diameter: 1.75MM/3mm

net. weight :1KG(2.2lbs) Deviation: 2%

Gross Weight: 1.3KG(2.9lbs) Deviation: 2%

Accuracy: 1.75+/-0.1mm

Color:Black,white,red,yellow,blue,light blue(or sky blue),orange,green,light green, fluorescence yellow, fluorescence green,purple, Violet,pink,brown,rose red,gold,skin,wood,grey,silk,transparent/clear, Bronze.Natural, viridity, grass green , ivory, various transparent color and fluorescence color.more than 32 colors can be selected.

OEM quantity:over 25kg.

## Packaging & delivery

Packing detail: Vacuum sealed with PE bag

HS Code: 3916909000  
Delivery detail: 5~15days





