

# PLA + Filament for 3D Printer multicomp<sup>PRO</sup>

RoHS  
Compliant



## Description

The product is modified based on PLA material, easy to print, in addition, it improves the toughness and layer adherence. PLA+ is an environmentally friendly material, which is easy to print and has smooth surface. Good strength, rigidity, toughness balance, strong impact resistance, very suitable for functional parts printing; Approved by FDA, safer to use; Can be used for conceptual model, rapid prototyping.

## Features:

- Good toughness
- Strong impact resistance
- High speed printing
- Smooth printed surface
- Easy to print
- Hard to break

## Applications

- Prototyping
- COSPLAY
- Decoration
- Other mechanical parts

Specification	
Physical Properties	
Density(g/cm <sup>3</sup> )	1.23
Melt Flow Index (190°C/2.16kg)	5
Mechanical Properties	
Tensile Strength (MPa)	63
Elongation at Break (%)	20
Flexural Strength (MPa)	74
Flexural Modulus (MPa)	1973
IZOD Impact Strength kJ/m <sup>2</sup>	9
Thermal Properties	
Heat distortion Temperature (°C)	53
Recommended printing parameters	
Extruder temperature (°C)	210 to 230
Build Platform Temperature (°C)	45 to 60
Fan Speed (%)	100
Printing Speed (mm/S)	40 to 100

Part Number Table

Description	Colour	Part Number
PLA+ Filament, 1.75mm, 1KG	Gross Green	MP015502
	Mustard Green	MP015503
	Haze Blue	MP015504
	Jade Green	MP015505
	Holly Green	MP015506
	Baby Pink	MP015507
	Coral Orange	MP015508
	Rgb Red	MP015509
	Rgb Blue	MP015510
	Rgb Green	MP015511
	Mint Green	MP015512
	Baby Blue	MP015513
	Light Khaki	MP015514
	Lilac	MP015515
	Matcha Green	MP015516
	Peach Pink	MP015517
	Pearl White	MP015518
	Almond Yellow	MP015519
	Apricot	MP015520

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