PLA+ Filament
For 3D Printers

multicompPRO

Description

PLA+ is an environment-friendly material, which is easy to print and has smooth surface. PLA+ filament has good strength, rigidity, toughness balance, strong impact resistance;So pla plus is considered suitable for functional parts printing. pla+ is approved by FDA, safer to use; PLA pro can be used for modeling, rapid prototyping.

Sellingpoint

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

Filament Properties Table

3D Printing Filament	PLA+
Density(g/cm3)	1.23
Heat Distortion Temp (°C,0.45MPa)	53
Melt Flow Index (g/10min)	5 (190°C/2.16kg)
Tensile Strength (MPa)	63
Elongation at Break(%)	20
Flexural Strength (MPa)	74
Flexural Modulus (MPa)	1973
IZOD Impact Strength(kJ/m^2)	9 2/10
Durability	4/10
Printability	9/10
Recommended printing parameters	
Extruder Temperature(°C)	210°C – 230°C
	Recommended temperature: 215°C
Bed temperature(°C)	45°C to 60°C
Fan Speed	100%
Printing Speed	40mm/s to 100mm/s
Heated Bed	Optional
Recommended Build Surfaces	Masking paper, PVP solid glue, PEI

Part Number Table

Description	Part Number
PLA Filament, 1.75mm, Milk White, 1kg	MP010809
PLA Filament, 1.75mm, Very Peri, 1kg	MP010810

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO