

RoHS
Compliant

Description

The model has shiny and silk luster texture, The printing surface is smooth without layer patterns. It modified from PLA material ,easy to print as PLA.

Sellingpoint

Shiny and silk luster texture, : Easy to print as PLA.
Smooth surface. : High toughness.

Filament Properties Table

3D Printing Filament	eSilk-PLA
Density (g/cm ³)	1.21
Heat Distortion Temp (°C, 0.45MPa)	50
Melt Flow Index (g/10min)	4.8 (190°C/2.16kg)
Tensile Strength (MPa)	52
Elongation at Break (%)	14.4
Flexural Strength (MPa)	65
Flexural Modulus (MPa)	1447
IZOD Impact Strength (kJ/m ²)	5.86
Durability	4/10
Printability	9/10
Recommended printing parameters	
Extruder Temperature (°C)	190°C to 230°C Recommended temperature: 210°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
Silk PLA Filament, 1.75mm, Bronze, 1Kg	MP010752
Silk PLA Filament, 1.75mm, Rose Gold, 1Kg	MP010753

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