

1.75mm-PLA-Sliver (1kg)

SKU:FIT0532-S



INTRODUCTION

PLA is a wonderful material to print in. It is the most environmentally friendly material available for this type of 3D printing, and it comes in a wide range of colors.

Polylactic acid or polylactide (PLA) is a thermoplastic aliphatic polyester derived from renewable resources, such as corn starch, tapioca roots, chips or starch, or sugarcane. It can biodegrade under certain conditions.

As the extrusion head temperature will vary from 3D printer to 3D printer design, temperature differences will affect the result of your print, we suggest PLA use an optimal temperature range of 215°C to 225°C. Please make the appropriate adjustments to temperature before you print with PLA, some testing might be required to find your optimal print settings.

SPECIFICATION

• Physical Property Typical value
• Tensile Strength@Yield 46Mpa
• Tensile Elongation@Break 20%
• Flexural Strength 70Mpa
• Flexural Modulus 3212Mpa
• Notched Izod Impact(23°C) 5.2kj/m²
• HDT@66psi 58°C
• Density 1.31g/cm³
• MFR 10-14g/10min
• Accuracy 1.75±0.1mm
• Net Weight 1Kg
• Weight 1.36Kg

SHIPPING LIST

1.75mm 1Kg 3D Printer PLA Filament (Sliver)



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