



eSUN Filament 3D PLA+ Red 1.75mm 1kg

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. eSUN pla+ is approved by FDA, safer to use; **PLA pro** can be used for modeling, rapid prototyping.

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SKU: 3DWMVYB8X9OM5

Price: 199.09 DH (HT)

Stock: outofstock

Categories: [PLA+](#), [3D Filaments](#), [Filament PLA](#)

Tags: [3d print](#), [esun](#), [fdm](#), [Filament](#), [filaments](#), [pla](#)

Product Description

Filament Properties Table

3D PRINTING FILAMENT	PLA+
Density(g/cm ³)	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/)	9 2/10
Durability	4/10
Printability	9/10



PLA+ Print Filaments

High toughness upgrade cost effective



Passed FDA certification

Safer to use



Test Report

Report No.: WP-20076384-JC-44En

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Test Part Description:

No.	Sample Name	Sample ID	Sample Description
001	PLA+	200712199-1	Green plastic

Test Items and Methods:

Test Items	Test methods
Chloroform-soluble extractives	US FDA 21CFR 177.1975: Polyvinyl Chloride

Test Results:

Test Condition	Reporting Limit (mg/inch ²)	Client's Limit (mg/inch ²)	Result (mg/inch ²)	Conclusion
8% Ethanol(v/v),120°F ,24h	0.3	18	N.D.	
Distilled water, 120°F ,24h	0.3	18	N.D.	PA
n-Heptane,70°F ,30min	0.3	18	N.D.	

Remarks:

- (1)mg/inch²=milligram persquare inch.
- (2)N.D.=Not Detected(Less than Reporting Limit).
- (3)°F =Degrees Fahrenheit.

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