



eSUN Filament 3D PLA+ Dark Blue 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+ 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.

[Read More](#)

SKU: 3DW463NEYG52D

Price: 219.00 DH

Stock: onbackorder

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

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

Product Description

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/)	9 2/10
Durability	4/10
Printability	9/10



PLA+ Print Filaments

High toughness upgrade cost effective



Passed FDA certification

Safer to use



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Test Report

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

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Test Part Description:

<u>No.</u>	<u>Sample Name</u>	<u>Sample ID</u>	<u>Sample Description</u>
001	PLA+	200712199-1	Green plastic

Test Items and Methods:

<u>Test Items</u>	<u>Test methods</u>
Chloroform-soluble extractives	US FDA 21CFR 177.1975: Polyvinyl Chloride

Test Results:

<u>Test Condition</u>	<u>Reporting Limit</u> (mg/inch ²)	<u>Client's Limit</u> (mg/inch ²)	<u>Result</u> (mg/inch ²)	<u>Concl</u>
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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