



## 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 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:** 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

<b>3D PRINTING FILAMENT</b>	PLA+
<b>Density(g/cm<sup>3</sup>)</b>	1.23
<b>Heat Distortion Temp(°C,0.45MPa)</b>	53
<b>Melt Flow Index(g/10min)</b>	5 190°C/2.16kg
<b>Tensile Strength(MPa)</b>	63
<b>Elongation at Break(%)</b>	20
<b>Flexural Strength(MPa)</b>	74
<b>Flexural Modulus(MPa)</b>	1973
<b>IZOD Impact Strength(kj/ )</b>	9 2/10
<b>Durability</b>	4/10
<b>Printability</b>	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

Page :2 /3

#### 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 <sup>2</sup> )	<u>Client's Limit</u> (mg/inch <sup>2</sup> )	<u>Result</u> (mg/inch <sup>2</sup> )	<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/inch<sup>2</sup>=milligram persquare inch.  
 (2)N.D.=Not Detected(Less than Reporting Limit).  
 (3)°F =Degrees Fahrenheit.

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