

# eClean

## Technical Data Sheet

Used to clean the nozzles of the printers;

After printing, use eClean filament to clean the nozzles, and then print other colors or types of materials.

Especially when you plan to print low-temperature materials such as PLA and high-temperature materials such as carbon fiber reinforced nylon filament, eClean will greatly reduce the possibility of nozzle clogging;

Transparent color and wide use temperature make eClean suitable for cleaning different colors, types and printing temperatures filaments.

Material Status	Mass Production
Characteristics	<ul style="list-style-type: none"> <li>Cleaning nozzles</li> <li>Great compatibility</li> </ul>
Applications	<ul style="list-style-type: none"> <li>160-300°C printing filaments</li> </ul>
Form	<ul style="list-style-type: none"> <li>Filament</li> </ul>
Processing method	<ul style="list-style-type: none"> <li>3D Print, FDM Print</li> </ul>

	Testing method	Typical value
<b>Physical Properties</b>		
Density	GB/T 1033	0.95 g/cm <sup>3</sup>
Melt Flow Index	GB/T 3682	N/A
<b>Mechanical Properties</b>		
Tensile Strength	GB/T 1040	23 MPa
Elongation at Break	GB/T 1040	580 %
Flexural Strength	GB/T 9341	N/A
Flexural Modulus	GB/T 9341	N/A
IZOD Impact Strength	GB/T 1843	29 (kJ/m <sup>2</sup> )
<b>Thermal Properties</b>		
Heat distortion Temperature	GB/T 1634	45 (°C,0.45MPa)
Continuous Service Temperature	IEC 60216	N/A
Maximum (short term) Use Temperature		N/A
<b>Electrical Properties</b>		
Insulation Resistance	DIN IEC 60167	N/A
Surface Resistance	DIN IEC 60093	N/A

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### Recommended printing parameters

Extruder Temperature	160-300°C
Build Platform Temperature	N/A
Fan Speed	N/A
Printing Speed	N/A

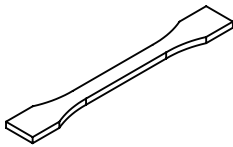
Based on 0.4 mm nozzle and Simplify 3D v.4.1.2. Printing conditions may vary with different nozzle diameters

### Drying Recommendations

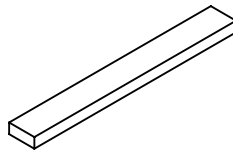
N/A

### Notes

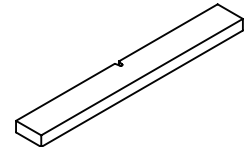
### Mechanical Properties



Tensile testing specimen GB/T 1040



Flexural testing specimen GB/T 9341



Impact testing specimen GB/T 1043

The physical properties, mechanical properties, thermal properties, and electrical properties of the filament are obtained based on the injection molding spline test.

Print test condition:

Extruder Temperature	N/A
Build Platform Temperature	N/A
Outline/Perimeter Shells	N/A
Top/Bottom Layers	N/A
Infill Percentage	N/A
Fan speed	N/A
Printing speed	N/A

Based on 0.4 mm nozzle and Simplify 3D v.4.1.2.

### Notice

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