

# FILAMENT DATASHEET

<b>Product Name</b>	PLA Pro
<b>Diameter</b>	1.75mm
<b>Printing Temp.</b>	190~220°C
<b>Printing Speed</b>	60~90mm/s
<b>Recommend Layer thickness</b>	0.1~0.2mm
<b>Build Plate Temp.</b>	Not Necessary
<b>Raft</b>	Not Necessary
<b>Package</b>	0.5/1.0Kg
<b>Density</b>	1.25±0.05g/cm <sup>3</sup>
<b>Melt Flow Rate(190°C , 2.16Kg)</b>	5~7g/10min
<b>Absorption Rate ( Saturation , 23°C )</b>	1%
<b>Tensile Strength</b>	≥60MPa
<b>Bending Strength</b>	≥60MPa
<b>Flexural modulus</b>	≥2500MPa
<b>Notched impact strength(IZOD,23°C)</b>	≥16J/m (ASTM D256)
<b>Elongation at break</b>	≥3.0%
<b>distortion temperature</b>	≥55°C
<b>Diameter Deviation</b>	±0.05mm
<b>Roundness deviation</b>	≤0.05mm