

Filament- PLA PRO



Easy-to-print
Biodegradable

GENSYN PLA PRO delivers a high toughness

Nozzle Temp.	200-210°C
Bed Temp.	50-60°C
Printing speed	80-160mm/s
Weight	0.5kg / 1kg
Diameter	1.75 +/- 0.02mm

Colors



Mechanical Properties

Tensile Strength (Mpa)	40±6
Flexural Strength (Mpa)	65±6
Notched Izod Impact Strength (kJ/m ²)	5±3
Elongation at Break (%)	10±5
Shore Hardness (HA/HD)	80

Physical Properties

Density (g/cm ³)	1.23
Melt Flow Index (g/10 min)	6.9±3
Shrinkage (%)	0.1-0.3
Heat Deflection Temperature (°C)	54
Vicat Softening Temperature (°C)	/

