Flexible PLA 3D Filament

Print in 3D and create prototypes, spare parts, quick and on-demand production, etc. in any shape or geometry. Gearlab 3D Filaments come in different plastic materials and with varying properties.

PLA polylactic acid is a biodegradable polymer derived from non-GMO corn starch. Flexible PLA is a non-toxic flexible 3D printing material that feels and acts much like rubber. Great for creating parts that need to bend or flex, like springs, joints, cups, phone cases, tires, machine parts and kids' toys.

When used in a dual extruder, flexible PLA cooperates very well with other PLA types to create items that consist of both hard and soft elements.



Gearlab Flexible PLA 3D Filament

Properties

Diameter	1.75 mm
Tolerance	0.05 mm
Weight	1 kg
Printing temperature	190-230°C
Printing speed	60-90 mm/s
Layer resolution	0.1-0.2 mm
Hot bed	Not required
Printing raft	Not required
Printing substrate	Not required
Tensite strength	≥ 35 Mpa
Impact strength	≥ - J/m
Elongation at break	≥ 350%
Distortion temperature	≥ 90°C

Features

- Flexible PLA is a non-toxic flexible 3D printing material that feels and acts much like rubber
- Great for creating parts that need to bend or flex
- Excellent cooperation with other PLA types in dual extrusion prints



IF YOU CAN DREAM IT, YOU CAN PRINT IT!