



Filament Specification

Nylon 12/30% GB (PA12 reinforced with Glass)

A filament that is ideal for more experienced users of 3D printers. Nylon 12/30%GB has been reinforced with glass balls and therefore has greatly increased strength and abrasion resistance compared to Nylon 12. Nylon 12/30%GB has low friction qualities high surface abrasion resistance. A heated print bed is recommended when printing with Nylon to prevent warping.

Our Nylon is made using the purest raw materials without fillers. Our cross-sectional roundness is consistent throughout the whole spool to ensure that a reliable printing experience is achieved over repeated prints. Our filaments are free from air bubbles or voids that help to ensure accurate and high definition printing results.

Available as 1.75mm or 2.85mm diameter filaments in sample bags*, 300g, 1kg & 3kg

Dimensional tolerance typically less than +/- 0.03mm

Suggested printing temperature 255-275°C

Suggested print bed temperature 100-110°C

Suggested printing speed 30-40 mm/s

Size of spool:	300g	1kg	3kg
Outer Diameter (mm)	160	200	300
Height of Spool (mm)	44	55	100

*samples are 5m for 2.85mm diameter and 10m for 1.75mm diameter

Packaging:

Each spool is hermetically sealed in an aluminium foil bag with silica gel. Additional cardboard packaging for protection in transit.

Before using Nylon, we recommend drying for at least 24 hours at 40°C to condition the material.

Storage:

Retain in foil bag with silica gel when not in use and keep in dry location at room temperature.