



# Filament Specification

## PC/ABS (Polycarbonate/ Acrylonitrile Butadiene Styrene)

A filament for more experienced users of 3D printers. PC has high impact strength and thermally stable. PC/ABS requires much hotter temperatures to print successfully and will produce extremely tough, shatter resistance prints.

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 diameter filaments in sample bags\*, 300g, & 1kg

Dimensional tolerance typically less than +/- 0.03mm

Suggested printing temperature 270-280°C

Suggested print bed temperature 100-110°C

Suggested printing speed 30-40 mm/s

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

\*samples are 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 PC/ABS, 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.