

## Technical data sheet - Timberfill

<b>Product:</b>	Timberfill		
<b>Diameters:</b>	1,75 mm	or	2,85 mm (+/- 0,1 mm)
<b>Lengths:</b>	260 m	or	95 m
<b>Weight:</b>	> 0,75 kg		
<b>Material:</b>	Timberfill		
<b>Color:</b>	light wood tone, cinnamon and wide variety of colours according to the color range		

### Information:

- High quality filaments with the trade name Timberfill used for the FFF (also known as FDM) 3D printing technology.
- The advantage of this material is that it can be used in 3D printers easily, that it allows a high quality of printing even in tricky details and an excellent lamination of the printed object.
- Timberfill filament is made of biodegradable material based on wood. The material exhibits similar mechanical features as ABS or PLA and models printed with this material have a genuine appearance of wood.
- Timberfill is manufactured from material, which fulfill FDA requirements.
- Fillamentum guarantees high precision of filament dimension within the tolerance +/- 0,1 mm, which is strictly controlled throughout the production.

### Properties of Timberfill filaments for 3D printing:

Charpy impact strength (+23°C):	93,4 kJ/m <sup>2</sup>
Strain at break:	10 %
Stress at break:	24,5 MPa
Nozzle at least:	> 0,4 mm
Working temperature:	170 - 185 °C
Hot pad:	40 °C



Timberfill filaments for 3D printing are produced on the extrusion line with a continuous measurement of the outer diameter of 1,75 mm (or 2,85 mm).

Tolerance for diameters +/- 0,1 mm.

**Package:**

Timberfill filaments are wound on a plastic spool and packaged in a cardboard box. The box is marked by label, unless otherwise noted.

Total weight including packaging is 1 kg, the weight of filament is 0,75 kg.

**In case of questions please contact us at the following address:**

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