

## Technical data sheet - ABS Extrafill

<b>Product:</b>	ABS Extrafill		
<b>Diameters:</b>	1,75 mm	or	2,85 mm (+/- 0,05 mm)
<b>Lengths:</b>	300 m	or	120 m
<b>Weight:</b>	> 0,75 kg		
<b>Material:</b>	Acrylonitrile butadiene styrene		
<b>Color:</b>	wide variety of colours according to the color range		

### Information:

- High quality filaments with the trade name ABS Extrafill used for the FFF (also known as FDM) 3D printing technology.
- ABS filament is a polymer, which is ideal for the production of the first functional samples before serial production for functional prototyping, manufacturing tools, but also for the production of goods for everyday use.
- 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.
- ABS Extrafill is manufactured from material, which fulfill FDA requirements.
- Use of the ABS material in the food industry is dependent on the final product and responsibility for use on a processor ABS Extrafill. ABS is not intended for medical applications.
- Fillamentum guarantees high precision of filament dimension within the tolerance +/- 0,05 mm, which is strictly controlled throughout the production.



**Properties of ABS filaments for 3D printing:**

Specific Gravity (ASTM D1505):	1,04 g/cm <sup>3</sup>
Ductility (ASTM D638):	22 %
Strength (ASTM D638):	36 MPa
Working temperature:	220 - 240 °C
Hot pad:	80 - 100 °C

Filaments ABS Extrafill 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 +/- 0,05 mm.

**Package:**

Filaments ABS Extrafill 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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