

## Technical data sheet - ASA Extrafill

<b>Product:</b>	ASA Extrafill
<b>Diameter:</b>	1,75 mm (+/- 0,05 mm)
<b>Length:</b>	290 m
<b>Weight:</b>	> 0,75 kg
<b>Material:</b>	ASA Extrafill
<b>Color:</b>	natural and wide variety of colours according to the color range

### Information:

- High quality filaments with the trade name ASA Extrafill used for the FFF (also known as FDM) 3D printing technology.
- The advantage of this material is its excellent weather resistance, retention of physical features, eg. ASA has a rigidity higher than ABS and thus is suitable material for demanding applications.
- ASA 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 usage including outdoor applications.
- ASA material has low levels of yellowing, which is important for applications where long-term emphasis is placed on appearance. Another advantage is its good dimensional stability.
- Fillamentum guarantees high precision of filament dimension within the tolerance +/- 0,05 mm, which is strictly controlled throughout the production.

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

Specific Gravity (ASTM D1505):	1,07 g/cm <sup>3</sup>
Elongation at break:	35 %
Flexural strength:	660 kg/cm <sup>2</sup>
Working temperature:	215 - 220 °C
Hot pad:	80 - 100 °C



Filaments ASA Extrafill for 3D printing are produced on the extrusion line with a continuous measurement of the outer diameter of 1,75 mm.

Tolerance for diameters +/- 0,05 mm.

**Package:**

Filaments ASA 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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