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## **5 x 1KG PLA Filament 1,75mm**

Category: [SPECIAL PRICE](#)

Availability: **estimated delivery 19.10.2021**

Code: **34**

**Price: 72,14 €** ~~99,85 €~~



(the image is symbolic)

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## Technical specifications

Filament color: Color sets  
Filament Diameter: 1.75 mm  
Filament weight: 1000g  
Brand: AzureFilm

## Short description

PLA 3D filament set of 5 different filaments with diameter of 1.75mm. Made in EU (Slovenia) , High quality PLA resin, Clear prints & Vibrant colors. No stringing, no warping, no clogging & compatible with majority of FDM 3D printers.

### Test specimens print settings:

<b>3D printer:</b> Creality Ender 3	<b>Infill: 20</b> %	<b>Nozzle temperature: 215</b> °C
<b>Slicer:</b> Cura	<b>Shells: 2</b>	<b>Bed temperature:</b> 55 °C
<b>Nozzle: 0,4</b> mm	<b>Layer height: 0,2</b> mm	<b>Print speed: 50</b> mm/s

### Printing Recommendations:

Nozzle temperature: 200–230°C

Heated bed: Not required (recommended 50–60°C)

Print speed: 50–100 mm/s

Build platform: Glass bed, Kaptontape, Blue tape.

Access to all technical data sheets can be [found here](#).

AzureFilm PLA filament with a net weight of 1 kg (2.2 lbs). In this pack you will receive five filaments as your choice in 5 pcs rolls of 210 mm of external diameter, with an inside opening of 60 mm and a width of 62 mm. The filament is vacuum-sealed and contains a bag that absorbs moisture and allows the filament to remain fresh. The thickness of the PLA filament is 1.75 mm or 2.85 mm and it is produced in more than 30 different shades. PLA (polylactic acid) filament for 3d printing is a versatile, easy-to-use material and is usually used in 3D printing. PLA filament is bio-plastic, which means that it is a renewable and biodegradable material. As a biodegradable material, it is much better for the environment, especially in comparison with petrochemical alternatives (eg. ABS). For good results, it is necessary to print at a temperature of 200–230°C and the printing table should be heated to 50–60°C. Please note that the temperature range of the print media may slightly differ depending on the use of other printers.

Our PLA filament for printers is specially designed to make it easy to use for all beginners and novices. We recommend that a newcomer keeps using the PLA printing filament because it is truly the most accessible and easy to use. It is a good material because it has excellent properties and it does not shrink when printing. In addition, it fits nicely to the printing table. ABS filament is a great alternative, but it does shrink, so you'll have more problems with the grip of the filament on the printing table. PLA filament is a material that is distinguished by a gloss finish, and therefore it is also used for the printing of decorative elements.

Our PLA filament is compatible with almost all 3D printers, including RepRap and MakerBot printers, Ultimaker, Bits from Bytes, Airwolf3D, Makergear, Printrobot, Bukobot, Type A Machines and many more.

PLA 3d printing filament is the best-selling product out of the 3D filaments used for 3D printing with a good reason, since it is used in a wide range of 3D printing. Its advantages are that it is odorless, easy to print and does not require a heated table when printing. For PETG Filaments click here.