



## PA12

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### Description

PA12 (Polyamid) is a high-performance polyamide filament. The polymer nylon PA12 is widely used in the automotive, machinery and engineering industry since it combines mechanical strength, flexibility, transparency, UV resistance and superior chemical resistance. PA12 is easy to print, has a high impact strength, even at low temperatures, a very high glass transition temperature and a low water absorption compared with other polyamides which leaves the mechanical properties unaffected. PA12 is the filament enabling you to print objects with a top performance.

**Attention:** PA12 filament needs to be dried for best 3D print results. A standard air-circulated oven is sufficient. A guideline for drying is 4-6 hours at 60°C. To store it properly use an airtight container with a desiccant bag.

### Applications

- Functional parts like hinges
- Flexible when thin but stiff and strong in large parts

### Printing Settings

- Adhesion agent: UHU stick
- Printing temperature: 240°C-260°C
- Heated printbed: 90°C-100°C

Cheat sheets for major 3D printers can be found at: [www.aprintapro.com/manual#PrintaMent](http://www.aprintapro.com/manual#PrintaMent)

### Additional Information

All PrintaMent Filaments are produced in Europe using modern production standards: During production, the latest laser measuring technology is used to ensure that you are receiving a spool of filament with a very tight diameter and roundness tolerance. Most materials offer a wide selection of beautiful colors, providing you with plenty of options to perfect and individualize prints. PrintaMent is available in the diameters 1.75mm and 2.85mm and comes on a transparent spool which makes it easy to see how much filament is left on the reel. The PrintaMent Box has an indication window to show how much Filament is left on the reel. Store PrintaMent in a cool and dry environment, away from UV light to enhance the shelf life.