



METAL

Description

PrintaMent METAL is an 80% bronze filled PLA based filament which is easy to print, sand & polish. With this filament, you can create the most beautiful objects with real metal characteristics, such as a 3x higher weight than standard PLA, a metal touch & feel and thermo-conductivity. The filament can be printed on almost every type of FDM 3D printer available on the market with retraction enabled on nozzles ≥ 0.35 mm.

Due to the abrasive nature of metal, we recommend that you use a hardened steel nozzle with this filament. It will print very well with a regular brass nozzle too, but the wear and tear is higher and the risk for wearing out your nozzle increases.

Postprocessing

Postprocessing can make it look just like a cast molded model. When the print is done it looks almost like clay, but following techniques help to bring out that metal gloss: A rotary tumbler is the easiest way of handling the finished print. You can also use some fine grit sand paper (600) and polish your print to desired finish. Polish the model with sand paper and water. The longer you polish, the better the shine. You can finish with some metal polish for that perfect look.

Applications

- 3D prints with a metal look and feel

Printing Settings

- Adhesion agent: PrintaFix
- Printing temperature: 200-220°C
- Heated printbed: not needed when using PrintaFix

Cheat sheets for major 3D printers can be found at: 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.