



Favorite Filament Sample (Customize color swatch)

 **GlennovitS 3D**

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Summary

This is my favorite filament sample - customizable and easy to use! Build your filament library today.

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Updates

22. June 2024 - Uploaded a **box to store the samples: Ultimate Sample Box** - enjoy!

17. June 2024 - Added Elegoo, Jayo and Kingroon as brands in the OpenSCAD file.

This has been my **go-to filament sample** I have printed for years now, every time I got a new material type/color. And having these cards as **reference for color and transparency** is awesome. And now I have learned a little **OpenSCAD** and recreated it there, for ease of use for other makers! Enjoy!

You can **add text** in multiple ways - whatever suits you the best. And the card (size, thickness and so on...) itself can be customized too.

Overview

The filament sample contains the following information about the filament material:

- **Brand**
- **Series and Color**
- **Type**
- Optional extra (fx. price, temperature or something else..)



Customize it!

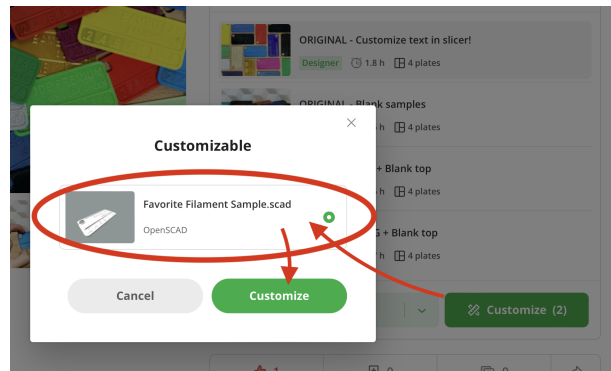
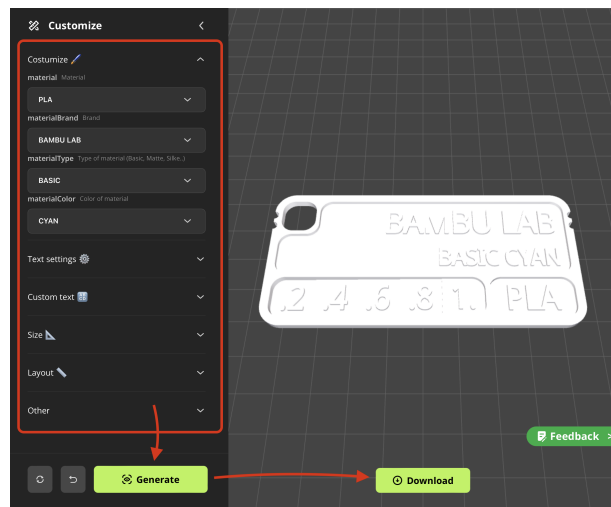
You can **add text** in multiple ways:

- Print a default version with only material type added in the model, and **add label or write with a marker** afterwards.
- **Add text in the slicer** (easy to do in fx. Bambu Studio - see attached files!)
- Customize text and/or size in the **OpenSCAD** file - easily done online on [MakerWorld's Parametric Model Maker](#). **Customize → Download → Slice → Print!**

OpenSCAD options

The OpenSCAD model that you can **customize online**, has a lot of options for you to find what you like the best! Here are some of them:

- **Materials** (20+ options or custom)
- Material **Brands** (15+ options or custom)
- Material **Types/Series** (30+ options or custom)
- Material **Color** (60+ options or custom)
- **Text sizes**
- Text **styles** (default, bold, narrow, extra narrow - or a combination)
- **Custom text**
- **Size** of sample card (length, height, thickness, corner radius, border...)
- and more!..



Edit custom text in slicer

Here is how to edit custom text in slicer (in Bambu Studio):

1. Click on the Filament Sample with the 'Custom' text on
2. In the side-panel on the left, click on **Objects** (next to Process / Global)
3. **Expand** the Favorite Filament Sample by pressing the little arrow
4. **Right click on** either 'PLA', 'Color' or 'Title' and press **Edit text**
5. **Adjust** text and size to your liking
6. Optional: if needed move the text around on the model - simply **drag on the pink square** in the middle of the text (visible after you pressed Edit text above..)

Print instructions

This is easy - but a few tips:

- **Layer height:** 0.2 (makes the layer transparency equal for all layers of that part)

- **Brim:** No, not needed
- **Nozzle size:** 0.4 works just fine

Happy printing!

Model files



favorite-filament-sample-pla.stl



favorite-filament-sample-tpu.stl



favorite-filament-sample-abs.stl



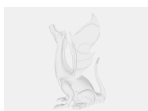
favorite-filament-sample-petg.stl



favorite-filament-sample-asa.stl



favorite-filament-sample-blank.stl



favorite-filament-sample.scad

☐ OpenSCAD customizable design

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