



Infill Swatches Samples with Box



Oak Buffalo

[VIEW IN BROWSER](#)

updated 12. 11. 2022 | published 12. 11. 2022

Summary

Do you need a tangible view of infill to make a decision on which type of infill to use? Well, here's your answer!



8.38 hrs



3 pcs



0.20 mm



0.40 mm



PLA



101 g



Prusa
MK3/S/S+

[3D Printers](#) > [Test Models](#)

Tags: [box](#) [customizable](#) [infill](#) [swatch](#) [samples](#)
[configurable](#)

I made a remix on [Makkuro](#)'s amazing and epic customizable filament swatches using Makkuro's OpenSCAD file (link to this file is in their filament swatch model). I wanted to visually see a printed version of each type of Prusa infill.

If you're printing from the 3MF, please note I designated a color change after the bottom layers are finished at 0.8 mm. You can remove this if you want it all one color, but I find it better to be dual-toned to make it easier to see the infill IMHO.

If printing an STL individually, I printed it with the following settings:

- 0.20 mm Layer Height
- 0 Solid Top Layers
- 3 Solid Bottom Layers (Minimum shell thickness is 0.50mm for me at least).
- 15% Infill
- Your choice of infill type to match the text on the model.
- The concentric infill seems to be twitchy, so I disabled “Ensure Vertical Shell Thickness”

Thanks to Makkuro's amazing original model!

This remix is based on



Filament swatch

by Makkuro



Customizable Filament Swatch box (Filament tests, filament swatches)

by Makkuro

Model files

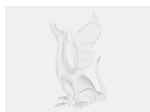


Separated Swatches

17 files



3d-honeycomb.stl



adaptive-cubic.stl



aligned-rectilinear.stl



archimedean-chords.stl



concentric.stl



cubic.stl



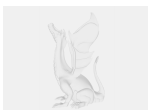
grid.stl



gyroid.stl



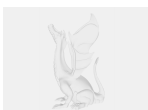
hilbert-curve.stl



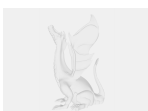
honeycomb.stl



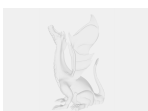
lightning.stl



line.stl



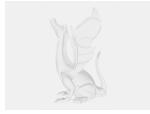
octagram-spiral.stl



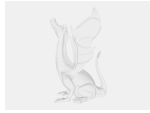
rectilinear.stl



support-cubic.stl



stars.stl



triangles.stl



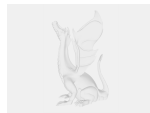
15-percent-infill-swatch-box.stl



infill-swatches-configured.3mf

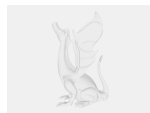
☐ Updated for Lightning infill!

Print files



infill-swatch-box-pla-4996g-02mm-lh-3h36m.gcode

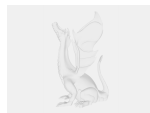
PLA 0.40 mm 0.20 mm 3.60 hrs 49 g Prusa MK3/S/S+



two-color-infill-swatches-configured_02mm_pla_mk3s_... .gcode

PLA 0.40 mm 0.20 mm 4.78 hrs 52 g Prusa MK3/S/S+

☐ With Color Change at 0.80mm Layer Height



single-color-infill-swatches-configured_02mm_pla_mk... .gcode

PLA 0.40 mm 0.20 mm 4.78 hrs 52 g Prusa MK3/S/S+

☐ No Color Change

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