Print Your Own Gradient Filament

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VIEW IN BROWSER

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Summary

Inspired by Turbo_SunShine's design, I wanted to go further.

3D Printers > Test Models

Inspired by Turbo_SunShine's design, I wanted to go further. I've marked this as a "remix", but the openscad and stl files are original -- just the idea is inspired by TSS

This experiment shows that if you have a multi-material printer, you can use TSS's technique to create a gradient filament. Here, I demonstrate a small 2-material filament section created via openscad. It produces only about ~2g of filament, less than 1 meter.

The OpenSCAD program that produces the files is a piece of junk and takes quite a bit of time to run. As such, it is not feasible to make it into a customizer at this time. (also, I think the scad file doesn't match the stl files provided, oops!)

The frog model is here and the vase model is here

Print instructions

Resolution: 0.2mm

Infill: **100%**

My sample is made of some "bronze filament" and some glow in the dark PLA. However, you should be creative and try whatever sounds fun.

Model files

archie.scad

archieb.stl

archiea.stl

Find source .stl files on Thingiverse.com

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