

Customizable Infill % Reference Board



Thynix

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Summary

Fits Prusa MINI+. This remix includes a .3mf with settings volumes for easy modification with Prusa Slicer.



4.33 hrs



6 pcs



0.25 mm



0.40 mm



PLA



71 g



Prusa MINI /
MINI+

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Tags: [infillsample](#)

Brodde created this cool way to demonstrate the behavior of **infill setting** percentages. I found that a .3mf allows including volumes for infill percentages and setting 0 top solid layers, making it easier to tweak.

Scaled to fit a Prusa MINI+.

The settings volumes change only top solid layers and fill density: **change the infill type within the print settings to try different kinds.**

The photo of the incomplete support cubic print with a filament change is from an inadvertent usage of the filament sensor - the spool ran out and it paused the print to allow me to switch spools, but I didn't have another of

the same color. It demonstrates how support cubic has holes in it the more layers down from a top surface it is.

This remix is based on



Infill % reference board

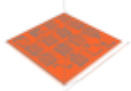
by Brodde

Model files



infill_sample.3mf

Print files



gyroid_infill_short_sample_025mm_pla_mini_4h20m.gcode

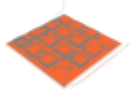
🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 4.33 hrs ⚖️ 71 g 📄 Prusa MINI / MINI+

☐ This one is not as tall for faster printing.



gyroid_infill_sample_025mm_pla_mini_6h51m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 6.84 hrs ⚖️ 101 g 📄 Prusa MINI / MINI+



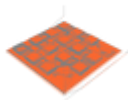
adaptive_cubic_infill_sample_025mm_pla_mini_4h5.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 4.90 hrs ⚖️ 95 g 📄 Prusa MINI / MINI+



grid_infill_sample_025mm_pla_mini_5h7m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 5.12 hrs ⚖️ 103 g 📄 Prusa MINI / MINI+



support_cubic_infill_sample_025mm_pla_mini_4h57.gcode

PLA 0.40 mm 0.25 mm 4.96 hrs 94 g Prusa MINI / MINI+



3d_honeycomb_infill_sample_025mm_pla_mini_8h2m.gcode

PLA 0.40 mm 0.25 mm 8.04 hrs 106 g Prusa MINI / MINI+

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