



## Test Print



HLFR ENGR

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## Summary

This was a test print of the Hatchbox© PETG-Blue on the Prusa i3 MKS3+ to tune in the printing parameters

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This was a test print of the Hatchbox© PETG-Blue on the Prusa i3 MKS3+ to tune in the printing parameters for the PETG material.

### § FILAMENT SETTINGS

The default Prusa 'Filament Settings' from the 'Generic PETG' profile were used with the following changes:

Temperature - Nozzle - First Layer: 230° → 235°C

(May consider reducing after seeing all the stringing from the high viscosity material and was oozing out of nozzle during heat-up)

### § PRINT SETTINGS

The default Prusa 'Print Settings' from the '0.15 QUALITY' profile were used with the following changes:

Modifiers - First Layer Speed: 20 → 15mm/s

(Noticed at the higher speed, bad adhesion and nozzle actually dragging)

printed material off of bed. From additional research, may further reduce the First Layer Acceleration 1000 → 300mm/s<sup>2</sup> in the future)

#### § PRINTER MODIFICATIONS

Swapped the printer bed: sheet steel from Smooth Sheet (use for PLA) → Texture Sheet and set up a new Sheet Profile on the printer with a Z-Value: -1.390mm (Smooth Sheet is Z-Value: -1.202mm)

## This remix is based on



### PETG: Test Print

by HLFRENGR

## Model files



test\_3dbenchy.stl

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