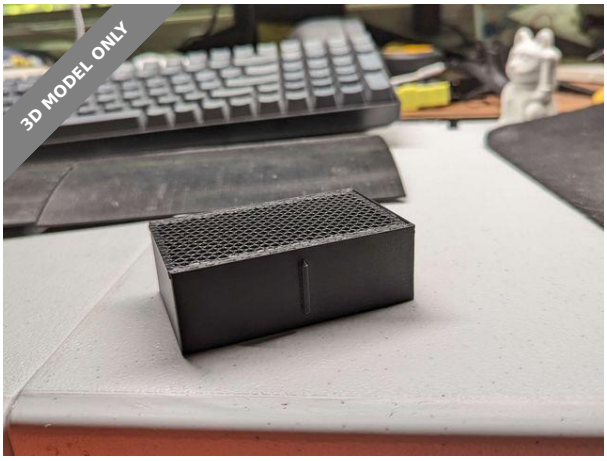

Reusable Carbon Filter with Pull Handles for Bambu Lab Printers

B Bobbio

VIEW IN BROWSER

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Summary

A remix of TechwithKramer's reusable filter with Ktek's slicer setting

3D Printers > 3D Printers - Upgrades

Tags: filter bambulabx1carbon activatedcarbon bambulabx1 bambulab activatedcarbonfilter replacement replacementpart

A remix of @Tech with Kramer's activated carbon filter with the addition of pull handles you can use with your finger nails. Use @Ktech's slicer settings which is copied and pasted bellow for your convenience.

Recommend to print in PETG or ABS/ASA for heat resistance.

CHANGE SLICER SETTINGS TO THE FOLLOWING BEFORE YOU PRINT !

Quality 0.20mm Standard @BBL X1C (0.24mm should be fine too)

Settings

Quality:

- Only one wall on top surfaces = OFF

Strength:

- Wall loops = 5 or 6 (depends on infill pattern)
- Top shell layers = 0
- Bottom shell layers = 0
- Sparse infill density = 25% or higher
- Sparse infill pattern = Aligned Rectilinear OR Triangles OR Honeycomb (AKA Bestagons) OR Grid.
- Infill/wall overlap = 20%
- Infill direction = 0 or 90 degrees

Any infill that doesn't cover the holes basically all work, feel free to play around with the density with different patterns depending on your carbon pellet sizes.

This remix is based on

Activated Carbon Filter for Bambu Lab X1 Carbon 3D Printer

by Tech with Kramer

Reusable Bambu Lab X1 Activated Carbon Filter

by ktek

Model files

3MF 2 files

boxwitharm.3mf

lid.3mf

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