Vase mode Jack-o'-lantern - Halloween pumpkin lamp

Daniel Josvai

VIEW IN BROWSER

updated 24. 11. 2024 | published 24. 11. 2024

Summary

A set of pumpkins with expressive faces that you can print (mostly) in vase mode to save time and filament.

6.88 hrs	8 pcs	0.22 mm 0.15 mm	0.40 mm	PLA	80 g	Prusa MK3/S/S+

Seasonal designs > Autumn & Halloween

Tags: halloween pumpkin vasemode jackolantern

If you're running late with your Halloween decoration or just don't want to use up half a spool of filament for a decent sized pumpkin then these models were made for you!

I've designed these Jack-o'-lanterns as a late entry for the Printables Halloween Flash Contest.

They are perfect to store Halloween candy and interestingly because of their thin walled nature they work as “inverse” lanterns. To avoid a the unintentional extra spookiness use an electric candle. :)

The main part of each pumpkin is optimized for vase mode. Print them with a 0.8 mm nozzle or -as I did- with a 0.4 mm nozzle using 0.8 mm line width. Keep the layer height relatively low to avoid the separation of perimeters around the mouth and eye areas. With my presliced gcodes and prepared project files each pumpkin can be printed in roughly two hours.

The rest of the lanterns can be printed normally (the stem needs no infill) and should be glued in place.

Model files

PrusaSlicer 2.5 project files 4 files

vase-mode-pumpkin-monster_mk3.3mf

vase-mode-pumpkin-classic_mini.3mf

monster-face-stem-lid_mk3.3mf

classic-face-stem-lid_mini.3mf

Vase mode pumpkins

4 files

vase-mode-pumpkin-classic.stl

vase-mode-pumpkin-cute.stl

vase-mode-pumpkin-evil.stl

vase-mode-pumpkin-monster.stl

Faces

4 files

pumpkin-face-classic.stl

pumpkin-face-cute.stl

pumpkin-face-evil.stl

pumpkin-face-monster.stl

lid.stl

stem.stl

Print files

vase-mode-pumpkin-monster_022mm_pla_mk3s_2h8m.gcode

PLA 0.40 mm 0.22 mm 2.13 hrs 45 g Prusa MK3/S/S+

monster-face_015mm_pla_mk3s_1h16m.gcode

PLA 0.40 mm 0.15 mm 1.27 hrs 8 g Prusa MK3/S/S+

lid_015mm_pla_mk3s_2h26m.gcode

PLA 0.40 mm 0.15 mm 2.44 hrs 23 g Prusa MK3/S/S+

stem_015mm_pla_mk3s_1h2m.gcode

PLA 0.40 mm 0.15 mm 1.04 hrs 4 g Prusa MK3/S/S+

vase-mode-pumpkin-classic_022mm_pla_mini_2h7m.gcode

PLA 0.40 mm 0.22 mm 2.11 hrs 43 g Prusa MINI / MINI+

classic-face_015mm_pla_mini_44m.gcode

PLA 0.40 mm 0.15 mm 0.74 hrs 5 g Prusa MINI / MINI+

lid_015mm_pla_mini_2h27m.gcode

PLA 0.40 mm 0.15 mm 2.44 hrs 23 g Prusa MINI / MINI+

stem_015mm_pla_mini_1h2m.gcode

PLA 0.40 mm 0.15 mm 1.02 hrs 4 g Prusa MINI / MINI+

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution—Noncommercial—Share Alike

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✖ | Commercial Use
✖ | Free Cultural Works
✖ | Meets Open Definition