

Spyro dragon egg gift box (MMU)

M Mixi

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Summary

2 color multimaterial large dragon egg gift box from computer game Spyro. Holds together using magnets.



88.69 hrs



2 pcs



0.20 mm



0.40 mm



PLA



853 g



Prusa
MK3S/S+ &
MMU2S

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Tags: [dragon](#) [mmu](#) [magnet](#) [egg](#) [spyro](#)

I made this model as plush Spyro gift box for my daughter. Looks are inspired by eggs from SpyroTM Reignited Trilogy.

Print instructions

Top part of egg needs to be printed upside down with supports. Magnets needs to be inserted during the print. Be careful, as standard neodyme magnets starts decaying when heated above 80°C, it is better to use some temperature resistant magnets like SmCo.

If you print on Prusa Mk2/3/4, the extruder cable bundle will start coliding with model, so you need to make sure to keep it out of way somehow or it will ruin your print. I used rubber band to tie it to MMU (see attached photo).

Attached gcodes are bit old, bottom part uses just 2 colors in slots 1 and 2. Top part uses same colors and also soluble supports in slot 5

Bill of materials

- 6× cylindrical magnet, ø 10 mm, height 4 mm

Customization

Magnet size can be adjusted in scad source using variables mag_d and mag_h (do not forget to include some tolerance).

Model files



spyro-egg-t1.stl

📄 Egg top - color 1



spyro-egg-t2.stl

📄 Egg top - color 2



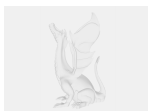
spyro-egg-b1.stl

📄 Egg bottom - color 1



spyro-egg-b2.stl

📄 Egg bottom - color 2



spyro-egg-no_dep.scad

Print files



spyro-egg-b-v01-pla-200uv-mmu12.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 41.57 hrs ⚖️ 414 g

🖨️ Prusa MK3S/S+ & MMU2S

📄 Bottom part, colors: 1 - pink, 2 - violet



spyro-egg-t-v02-pla-200uv-mmu125.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 47.12 hrs ⚖️ 439 g

🖨️ Prusa MK3S/S+ & MMU2S

📄 Top part with soluble supports, colors: 1 - pink, 2 - violet, 5 - soluble supports

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