

PRUSAMENT Soda Bottle Bird Feeder

RT3D

VIEW IN BROWSER

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Summary

Its that time of the year, lots of birds around my home & work so I created this bird feeder that utilizes the...

4.03 hrs	1 pcs	0.20 mm	0.40 mm	PLA	43 g	Prusa MK3/S/S+

Household > Outdoor & Garden

Tags: prusament upcycling upcycle birdfeeder emptyspool recyclingoldspool prusamentreuse

Its that time of the year, lots of birds around my home & work so I created this bird feeder that utilizes the PRUSAMENT spool half as a perch for the birds. The threads are PCO1881 specification, so it should fit most soda bottle types. The threads on these models have built-in tolerances for most 3D printers.

Print instructions

Print Settings:
Nozzle: 0.4

Perimeters: 2
Layer Height: 0.2
Supports: No
Infill: 15-20%

Part Needed:
1 x PRUSAMENT_Bird_Feeder_Base.stl
1 x PRUSAMENT_Bird_Feeder_Locking_Nut.stl
1 x PRUSAMENT_Bird_Feeder_Hook_Split.stl
Optional: PRUSAMENT_Bird_Feeder_Hook_Full.stl

Assembly Instructions:

Step 1: Glue the two halves together of PRUSAMENT_Bird_Feeder_Hook_Split model.
Step 2: Add glue the hook to the top of the bottle. I used 3D Gloop.
Step 3: Dissemble the PRUSAMENT spool, remove the cardboard insert and separate the halves.
Step 4: PRUSAMENT_Bird_Feeder_Base has a keyed notch for the model to align with the spool.
Step 5: Add the PRUSAMENT_Bird_Feeder_Locking_Nut to secure the base to the spool so birdseed will not fall through.
Step 6: Add birdseed to the soda bottle and thread into the model. Assemble upside-down and turn upright and let the birdseed fill the base.

Model files



prusament_bird_feeder_locking_nut.stl



prusament_bird_feeder_base.stl



prusament_bird_feeder_hook_split.stl



prusament_bird_feeder_hook_full.stl

Print files



prusament_bird_feeder_base_02mm_pla_mk3s_4h2m.gcode

PLA 0.40 mm 0.20 mm 4.03 hrs 43 g Prusa MK3/S/S+

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