



Grumpy Cloud Rainstick - Bridging Test



Grandpa 3DPrints

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Summary

You can control the intensity of the rain storm! Watch out for that Grumpy Cloud! Check out the video to listen!

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Introducing the infamous Grumpy Cloud, who always seems to bring the rain with him! Watch the video above to experience the soothing sound of the rainstick in action.



To create a non-stop rainstorm, simply rotate the rainstick in this manner! You have the power to control the intensity of the rain by slowing down for a light trickle or ramping up the speed for a massive downpour!

The main body of the rainstick contains a web of single-layer bridges that connect from the perimeter wall to the interior cylinder or overlap one another. This design provides an intriguing bridging test for your printer!



To fill the rainstick, utilize the screw-on cap.

Melty beads, also known as perler beads, are an excellent filler option!

For a unique sound, try using dry beans or popcorn kernels.

Print Settings:

Print both parts with the open end facing up.

0.2mm layers, 4 walls, 5% infill, no supports

Grumpy Cloud: To achieve the two color effect, it is recommended to print the first layer in white and switch to black for the remainder of the print. Additionally, if attempting to scale the model, please exercise caution as the bridged strings were designed with a 0.2mm layer height in mind.

Model files

g3_grumpy_cloud_rain_stick_body.stl

g3_grumpy_cloud_rain_stick_cap.stl

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