

Southeastcon 2026 3-D Filament Requirement

The following is an approximate filament weight requirement for 3-d printing the parts indicated. This estimate is from a Bambu Lab P1S 3d-printer using 0.20 standard print profile with no modified settings.

For the crater: (2,525 grams) (gray filament)

- Bottom – 4 flat pieces: 128g for all 4 pieces
- Lower Rim part – 45g per piece (720g for all 16 pieces)
- Upper Rim Part - 105g per piece (1680g for all 16 pieces)

For the antenna and shaft (3 pieces): 135g per set, 540g for all 4 antennas (gray filament)

For one antenna base: (340g per antenna, 1360g for all 4) (black filament)

- Hatch: 85g
- Antenna Box: 255g(approximate slight differences between the 4 antenna bases)

For Earth: (220g for both halves) (gray filament)

- Side1: 110g
- Side2: 110g

3D-Print total filament requirement:

Black Filament: ~1360g: Amazon, 1x\$26.98 [ELEGOO PLA Filament 1.75mm Black 2KG](#)

Gray filament: ~3288g: Amazon 2x\$27.98 [ELEGOO PLA Filament 1.75mm Gray 2KG](#),