



Filament samples - 42 materials



Seemomster

[VIEW IN BROWSER](#)

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Summary

Remix: I changed the steps from three to five with uniform height difference and added more materials.



0.29 hrs



3 pcs



0.20 mm



0.40 mm



PLA
PET
ASA



4 g



Prusa
MK3/S/S+

[3D Printers](#) > [Test Models](#)

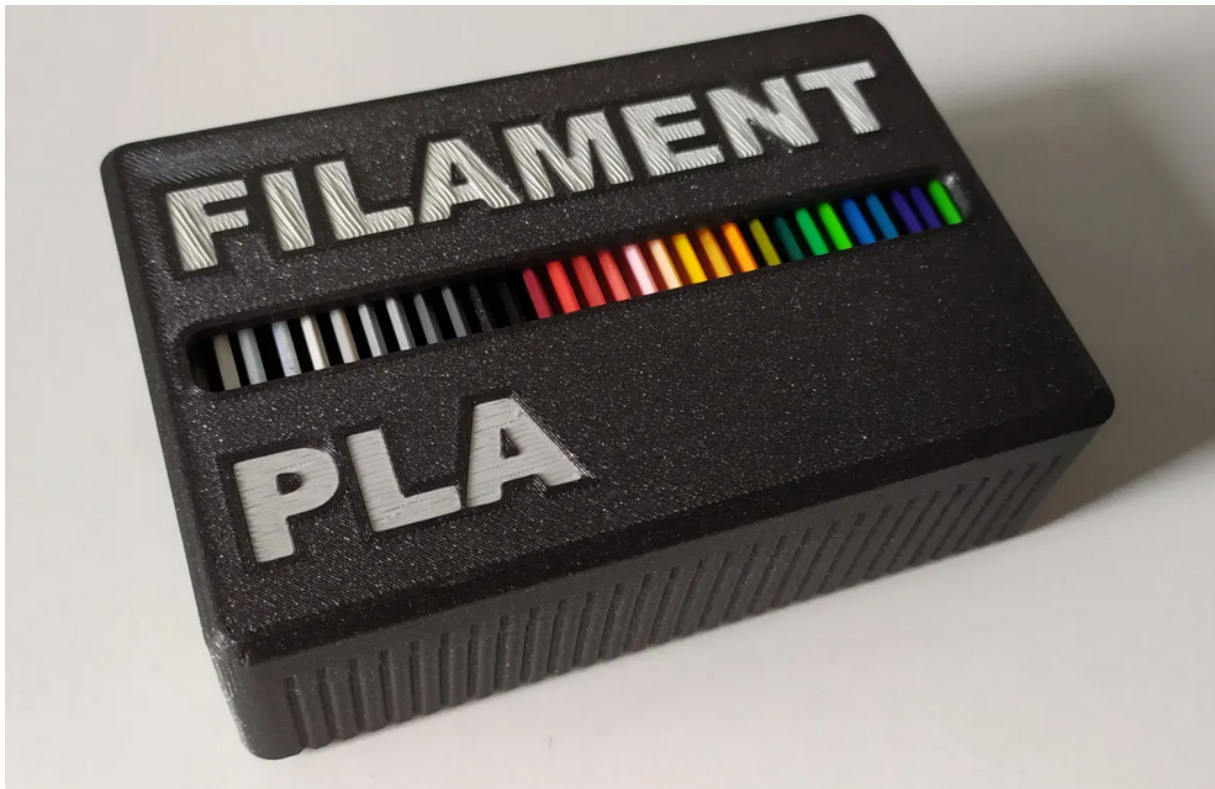
Tags: [filament](#) [swatch](#) [filamentsample](#) [colour](#)
[filamentswatch](#)

A remix of the model [Filament sample with box](#) from [Zahg](#).

If you need the **case** for the samples, in the **original model** includes a great one.

Direct downloadlinks for **case**: [box_top_pla_v2.stl](#), [box_top_petg_v2.stl](#), [box_top_v2.stl](#) and [box_bottom_v2.stl](#).

My gcode is linked [here](#) for double colourchange to get different colour of the letters but not at the edge.



The model has five steps of varying thicknesses 0.2/0.4/0.6/0.8/1.0 mm to better judge the translucency.

Every sample uses just 1.41 m or 3,54 g of filament. The dimensions are 80.0 x 35.0 x 2.2 mm.

I added quit a few materials and hope i got all common and uncommon ones:

- ABS
- ABS GF
- ABS MATT
- ABS photoluminescent
- ABS thermochromic
- ABS+
- ASA
- ASA CF
- ASA GF
- Biofusion
- BVOH
- carbon
- COC
- CPE
- CPE+
- Easy PLA
- edge
- ESD ABS

- ESD PETG
- ESD PLA
- Flex
- Galaxy PLA
- HDPE
- HIPS
- HTPLA
- LW-PLA
- metal
- metallic PLA
- ngen
- nylon
- obc
- P6
- PA 612 CF
- PA6 CF
- PA6 GF
- PA11 CF
- PA12
- PA12 CF
- PA12 GF
- PATH-CF
- PC
- PCblend
- PCblend CF
- PCTG
- PEBA
- PEEK
- PEI
- PET
- PET-CF
- PETG
- PETG+
- PETG CF
- PETG GF
- PETG Glitter
- PETG HF
- PETG MATT
- PETG photoluminescent
- PETG Sparkle
- PETG Stone
- PETG thermochromic
- PETT
- PEKK
- PLA
- PLA+

- PLA+ 2.0
- PLA-CF
- PLA Glitter
- PLA HR
- PLA HS
- PLA MATT
- PLA meta
- PLA photoluminescent
- PLA PRO
- PLA Sparkle
- PLA Stone
- PLA thermochromic
- PLA Ultra
- PP
- PPS
- PPS CF
- PPS GF
- PVA
- PVA+
- PVB
- PVDF
- RESIN
- rPETG
- rPLA
- Shimmer PLA
- silk
- silk PLA
- Silk PLA+
- simubone
- stone
- tough pla
- TPU
- wood

Print Settings

Resolution: 0.2 mm

UPDATE 2022.09.03: Added common filament samples with a 13 mm high labeling field

UPDATE 2022.10.28: Added RPLA

UPDATE 2022.11.14: Added ABS+

UPDATE 2022.12.18: Added SILK and SILK PLA

UPDATE 2022.12.27: Added rPLA

UPDATE 2023.02.14: Added PETG+

UPDATE 2023.03.12: Added PLA Meta

UPDATE 2023.04.06: Added Tough PLA

UPDATE 2023.04.06: Changed folder structure

UPDATE 2023.04.18: Added metallic PLA

UPDATE 2023.08.17: Added PAHT-CF, PET-CF, PETG-CF, PLA-CF and PLA HS

UPDATE 2023.08.24: Added PLA MATT and ABS MATT

UPDATE 2023.08.29: Added Silk PLA+

UPDATE 2023.08.29: Added Resin and one without text (blank)

UPDATE 2023.10.14: Added PLA PRO

UPDATE 2023.10.14: Added PLA Stone, PETG Stone, photoluminescent (PLA, PETG, ABS), thermochromic (PLA, PETG, ABS)

UPDATE 2023.11.25: Added PLA Glitter, PETG Glitter, PLA Sparkle, PETG Sparkle

UPDATE 2023.12.29: Added PCTG

UPDATE 2024.03.20: Added rPETG and PETG GF

UPDATE 2024.06.07: Added Shimmer PLA and Easy PLA

UPDATE 2024.08.13: Added PETG HF

UPDATE 2024.09.18: Added ABS GF

UPDATE 2024.12.27: Added PETG MATT, LW-PLA, PVA, PVA+

UPDATE 2025.07.19: Added ASA CF, ASA GF and PLA+ 2.0

UPDATE 2025.08.28: Added Galaxy PLA, PLA Ultra

UPDATE 2026.04.19: Added PPS (GF and CF), PA 612 CF and PEBA

UPDATE 2026.05.11: Added PLA-HR, COC, CPE+ and PEEK

This remix is based on



Filament sample with box

by Zahg



PLA+ filament sample card

by PumpkinSouffle



Additional cards for Filament sample with box

by mweisshaupt

Model files



common

9 files



pla_filament_sample.stl



pla_filament_sample.stl



petg_filament_sample.stl



abs_filament_sample.stl



asa_filament_sample.stl



flex_filament_sample.stl



tpu_filament_sample.stl



silk_filament_sample.stl



silk_pla_filament_sample.stl



less common

90 files



blank_filament_sample.stl



abs_gf_filament_sample.stl



abs_matt_filament_sample.stl



abs_photoluminescent_filament_sample.stl



asa_cf_filament_sample.stl



asa_gf_filament_sample.stl



abs_thermochromic_filament_sample.stl



abs_filament_sample.stl



biofusion_filament_sample.stl



bvoh_filament_sample.stl



carbon_filament_sample.stl



coc_filament_sample.stl



cpe_filament_sample.stl



cpe_filament_sample.stl



easy_pla_filament_sample.stl



edge_filament_sample.stl



esd-abs_filament_sample.stl



esd-petg_filament_sample.stl



esd-pla_filament_sample.stl



galaxy_pla_filament_sample.stl



hdpe_filament_sample.stl



hips_filament_sample.stl



htpla_filament_sample.stl



lw-pla_filament_sample.stl



metal_filament_sample.stl



metallic-pla_filament_sample.stl



ngen_filament_sample.stl



nylon_filament_sample.stl



obc_filament_sample.stl



pa6_filament_sample.stl



pa_612_cf_filament_sample.stl



pa6-cf_filament_sample.stl



pa6-gf_filament_sample.stl



pa11-cf_filament_sample.stl



pa12_filament_sample.stl



pa12-cf_filament_sample.stl



pa12-gf_filament_sample.stl



paht-cf_filament_sample.stl



pc_filament_sample.stl



pc-blend_filament_sample.stl



pc-blend-cf_filament_sample.stl



pctg_filament_sample.stl



peba_filament_sample.stl



peek_filament_sample.stl



pei_filament_sample.stl



pet_filament_sample.stl



pet-cf_filament_sample.stl



petg_filament_sample.stl



petg-cf_filament_sample.stl



petg-gf_filament_sample.stl



petg_glitter_filament_sample.stl



petg-hf_filament_sample.stl



petg_matt_filament_sample.stl



petg_photoluminescent_filament_sample.stl



petg_sparkle_filament_sample.stl



petg_stone_filament_sample.stl



petg_thermochromic_filament_sample.stl



pett_filament_sample.stl



pekk_filament_sample.stl



pla_2_0_filament_sample.stl



pla-cf_filament_sample.stl



pla_glitter_filament_sample.stl



pla_hr_filament_sample.stl



pla-hs_filament_sample.stl



pla_matt_filament_sample.stl



pla-meta_filament_sample.stl



pla_photoluminescent_filament_sample.stl



pla_pro_filament_sample.stl



pla_ultra_filament_sample.stl



pla_sparkle_filament_sample.stl



pla_stone_filament_sample.stl



pla_thermochromic_filament_sample.stl



pp_filament_sample.stl



pps_filament_sample.stl



pps_cf_filament_sample.stl



pps_gf_filament_sample.stl



pva_filament_sample.stl



pva_filament_sample.stl



pvb_filament_sample.stl



pvdf_filament_sample.stl



resin_filament_sample.stl



rpla_filament_sample.stl



rpctg.stl



rpla_filament_sample.stl



tough_pla_filament_sample.stl



shimmer_pla_filament_sample.stl



silk_pla_filament_sample.stl



simubone_filament_sample.stl



stone_filament_sample.stl



wood_filament_sample.stl



13 mm high labeling field (work in progress)

8 files



abs_filament_sample_13.stl



asa_filament_sample_13.stl



metallic_pla_filament_sample_13.stl



petg_filament_sample_13.stl



pla_filament_sample_13.stl



pla_filament_sample_13.stl



silk_filament_sample_13.stl



tough_pla_filament_sample_13.stl

Print files



pla_sample_02mm_pla_mk3s_18m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.29 hrs ⚖️ 4 g 🖨️ Prusa MK3/S/S+



petg_sample_02mm_petg_mk3s_18m.gcode

⚙️ PET ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.30 hrs ⚖️ 4 g 🖨️ Prusa MK3/S/S+



asa_sample_02mm_asa_mk3s_18m.gcode

ASA 0.40 mm 0.20 mm 0.30 hrs 3 g Prusa MK3/S/S+

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