ASA-GF · Bambu Studio guide

1 kg and 3 kg filament spools

Select the correct printer and nozzle

In Bambu Studio, choose your exact printer, installed nozzle diameter and build plate. A profile for another printer or nozzle is not interchangeable. Confirm the material is supported by the printer and filament feed system.

Use a compatible wear-resistant nozzle and an enclosed, ventilated printer. Confirm the required nozzle diameter, drying procedure and settings with the team.

For fibre-filled filament, confirm a compatible wear-resistant nozzle, feeder and spool path. Check the printer manufacturer’s nozzle-diameter and AMS restrictions. Do not force a large spool into a holder or drying system that does not fit.

Use an appropriately enclosed printer and suitable ventilation. Check that your printer supports this material before printing; do not assume an open-bed printer is suitable.

Bambu profile reference

The saved manufacturer collection labels its available reference as ASA-CF (carbon-fibre ASA), not plain ASA or ASA-GF. It is not assigned to this product. Request the matched Alba Labs preset before printing. This edition provides preparation guidance without copying settings from a different grade.

Prepare and calibrate

• Request the Alba Labs TDS and recommended drying procedure for this grade; store filament dry after opening.

• Check spool dimensions and feed path, then select the correct plate and its recommended adhesive or release layer.

• After receiving the matched material preset, run a small calibration print. Check first-layer adhesion, flow, stringing, cooling and layer bonding before a long job.

• Record the printer, nozzle, plate and profile revision with your successful print. Recheck after changing any of these.

Applications and limits

ASA-GF combines an ASA polymer base with glass-fibre filler. It is a material to consider when evaluating a filled ASA for functional parts and fixtures.

Fibre-filled does not mean unbreakable. Fibre content, orientation, layer bonding and the actual geometry affect the finished part. Request grade-specific test values.

Contact for TDS and matched Bambu settings

info@3baprinting.com · Material page

Edition: 2 November 2026. General preparation guidance. No tested-grade performance, certified specifications or guaranteed printing speed is claimed.