ASA · 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 an enclosed printer with suitable ventilation. Manage bed adhesion and temperature consistency to reduce lifting and warping.

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 is a material family often chosen for outdoor-facing prints where resistance to sunlight and weather matters. Consider it for housings, covers and prototypes exposed to the elements.

Validate the actual Alba Labs grade against your load, temperature and exposure requirements. Weather resistance does not establish a structural rating.

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.