

PA 0600 Filament

Recommended Print Settings

BEST ADVICE FOR SUCCESSFUL PRINTING EXPERIENCE

Make sure filament is dry prior to printing.
Use in-line drying or dry in an oven at 70-75°C
for several hours and repeat as necessary.

Use a CC 0.6 core from Ultimaker.

Do not print at a temperature above 240° C.
Clean the print core after every long build
or after several short builds.



235°C



50°C - 60°C



Print Speed: 40 mm/s

Infll Speed: 40 mm/s

Wall Speed: 25-30 mm/s

Top/Bottom Speed:
30m/s

Initial Layer Speed:
20 mm/s



Regular Fan Speed: 20%

Max Fan Speed: 100%

Use a Skirt while printing

Use PVA glue stick
on glass

The Magigoo HT solution
provides great adhesion
and down-surface quality

Turn the material flow rate for the top and bottom layer
up to 103%.

If using Ultimaker Cura, enable the Jabil PA 0600 material profile available in the Marketplace or manually type in the settings from the information above.

©Jabil, Inc. 2023 Disclaimer: Due to the large variety of printers and part geometries, the given process parameters are a guideline.

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PA 0600 filament is a polyamide/polyketone alloy with high stiffness, good wear resistance, low friction and self-lubricating characteristics.

Any application where high dimensional stability and lubricity is required

Gears, bearings and rollers

Parts requiring knurling

Jigs, fixtures and tooling

Work-holding devices, posts, nests etc.

Dry at 70-75 C. Long drying cycles (>6 hours) are ideal.

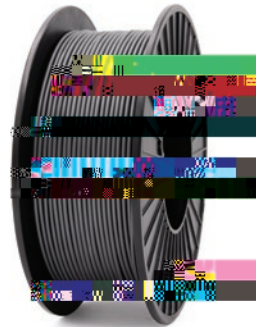
Signs that the material needs to be dried:

Material will start to print with more stringing than normal

The surface finish will be rough

Mechanical properties are not as expected

In extreme cases, bubbling, hissing or generation of steam during printing



Questions? Visit JabilAdditive@jabil.com, jabil.com/filaments

For the latest print profiles, search for Jabil Engineered Materials in the Cura Marketplace.

Learn More
About PA 0600

