

Getting the most out of Jabil Engineered Materials Powder

PA 4050 GB has well-balanced material characteristics that are ideal for applications that require durable, high-quality parts. The detail resolution and excellent surface finish allow for solid-built parts. Multiple finishing possibilities make PA 4050 GB ideal for open-sourced laser sintering 3D printers.

Jabil Engineered Materials Recommended Print Settings



Print Temperature

Part Bed Temp 168°C

Piston Temp 155°C

Cylinder Temp 155°C

Feed Temp 150°C



Layer Thickness

0.12 mm



Fill Settings

Fill Laser Power 70W

Fill Scan Spacing 0.3

Fill Scan Count 1

Colors

Natural White

Applications

- Functional prototypes
- Complex geometries
- Low temperature duct work
- Caster housings
- Housings and enclosures

Advantages

- Higher stiffness than PA 4000
- Produces dense parts with an excellent surface finish
- Color stability
- Relatively isotropic performance

Questions? Contact us: JabilAdditive@jabil.com

Due to the large variety of printers and part geometries, the given process parameters are a guideline.

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about
PA 4000
Material

