PA 4035 CF Filament
Recommended Print Settings

JABIL

Print Temperature
The print temp range is 240 – 260°C

Bed Temperature
The ideal bed temp is 70°C

Printing Speed
Default print speed - 45mm/s
Infill speed - 45mm/s
Wall speed - 30mm/s
Initial layer speed - 20mm/s
Top/Bottom speed - 25mm/s

Cooling
A fan speed of 100% works best.

Bed Adhesion
Use a skirt with a thick layer of PVA glue stick on glass.

Other Tips
- Make sure to use plenty of glue on glass. If any warping occurs, use more glue.

- Works well with support material. PVA support works better than HIPS.

If using Ultimaker Cura, enable the Jabil PA 4035 CF material profile available in the Marketplace or manually type in the settings from the information above.

PA 4035 CF Filament

PA 4035 CF is an ESD-safe (electrostatic dissipative), carbon-fiber-reinforced PA12 copolymer providing greater stiffness, strength and toughness over similar materials on the market. This is a great material for printing items that require extra strength and toughness.

Applications

- Automotive, aerospace, general manufacturing, medical
- Ducting for automotive and aerospace
- Casting patterns
- Composite tooling
- Prosthetics
- Aluminum replacement

Advantages

- High strength, stiffness and toughness
- High-impact strength
- Superior printed part surface finish quality
- Surface resistivity of ≤E9 for ESD sensitive applications
- Mechanical properties can be tailored by adjusting fill orientation

Prints on open platforms including Ultimaker S5, UM 3, Raise3D, Method X and Taz® Pro Platforms

Diameters

1.75mm and 2.85mm

Questions? Contact us:
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Learn More About
PA 4035 CF

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