

Composite 3D printing materials

Professional

PET CF

Functional prototyping



Create strong, stiff, and heat-resistant prototypes with engineering-grade materials.

Tooling and fixtures



For jigs, fixtures, and end-of-arm tooling, manufacture with ease and confidence.

Replacement parts



Print replacement parts on demand. Eliminate downtime and keep production moving.

Engineering

Nylon CF Slide

PFAS-free POM replacement



Best-in-class alternative to POM. Low friction, resists wear against steel.

Balanced composite



High-performance material with outstanding Z-strength. Strong, durable, and impact resistant.

Low friction parts



Reduce friction and wear in moving parts for better efficiency and longer lifespan.

Industrial

PPS CF

Extreme durability



Unlock advanced applications. PPS CF is heat, solvent, and flame resistant.

Tooling and fixtures



Get similar performance as PEEK or metal at a lower cost. Easy to print, reliable, and strong.

Precise 3D printing



Hassle-free printing with consistent flow and excellent accuracy. Accurate parts every time.



Composite 3D printing material offering for Factor and S series 3D printers



Get an optimal composite 3D printing experience with:

- Humidity control
- Optimal adhesion
- Setting for mechanical properties
- Integrated ecosystem

The composite 3D printing materials offering from UltiMaker is compatible with all professional UltiMaker 3D printers, PPS CF is only compatible with UltiMaker Factor series 3D printers.

Visit support.ultimaker.com for guidelines, safety and technical data sheets for UltiMaker materials.