



Compost3D®2

3D printing filament

The best balance between ease of printing and sustainability



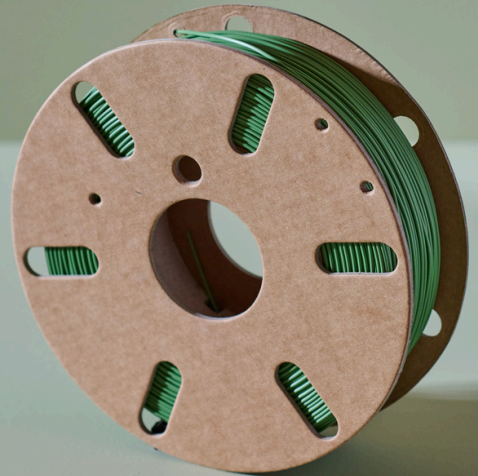
Can be processed on all standard FDM machines, with or without enclosure



Biobased for environmentally conscious creativity




Available in 1.75 mm filament diameter



The most controlled non-persistent filament in the world!

Compost3D®2 is leading the 3D printing world to a higher ecological dimension: the filament is 70% bio-based, made primarily from natural resources and is 100% home compostable*. Even in your own compost heap! With Compost3D®2 you make a revolutionary step towards the sustainable world of tomorrow.

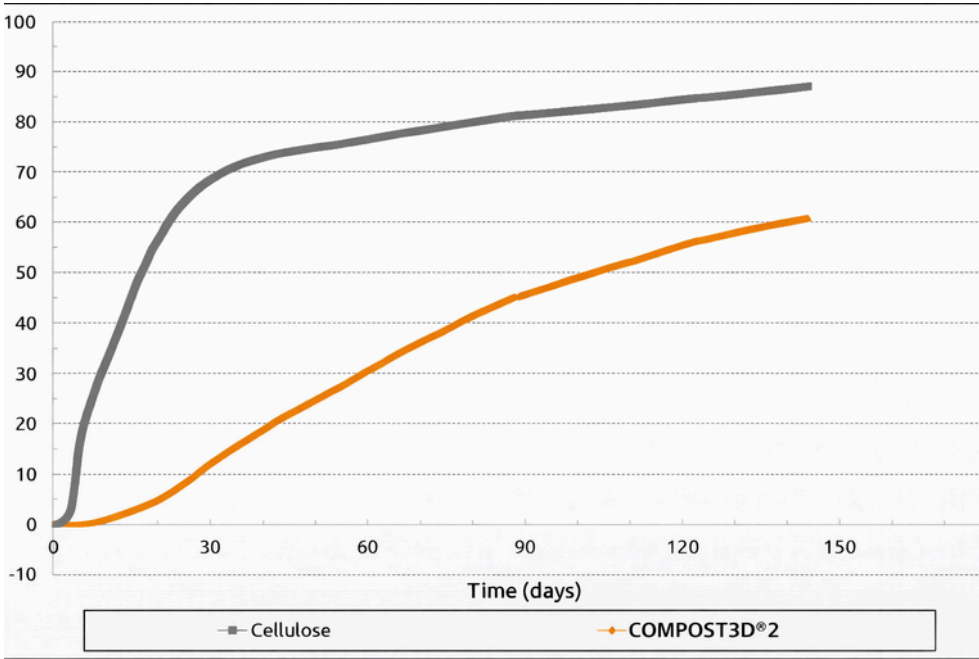
*Certification pending

 **100%**
Designed to fully biodegrade under home composting conditions

Outstanding performance

- Printing with more ease and comfort compared to other home compostable 3D printing filaments in the market (e.g., easier build platform release)
- Printing performance comparable to standard PLA, with great overhang and bridging capabilities
- 50% higher layer adhesion and overall increased mechanical properties compared to other commercial home compostable 3D printing filaments

Biodegradation data



“ COMPOST3D®2 biodegrades by at least 60% within 150 days in proper home compost conditions – and does so without leaving any microplastics behind.

Displayed, installed, or admired? It stays exactly as intended and won't disappear 😊”

Suggested print settings

Parameter	Unit	Value
Nozzle temperature	°C	190-220
Bed temperature	°C	50-60
Print speed	mm/s	40-80
Fan cooling speed	%	100

Available colors:



Considerations for optimal printing

- Leave the printed specimen on the build plate until it has completely cooled down before removal
- Dry the filament at 50°C for 6-8h before printing
- Preferably keep the filament dry during printing (e.g., in a dry box) for optimal results
- Printing in an enclosure is not required, but recommended for optimal results
- No additional print bed adhesion needed

Suggested print settings

- Functional prototyping
- Creating visualization aids
- Making detailed concept models
- Any 3D printed object or application that requires home compostability as its end-of-life route