Reduce. Refuse. Rethink.

START IN YOUR OFFICE

New

think compostable

COMPOST3D®

Home compostable 3D filament

World-best balance
between printing comfort
and eco-friendliness

Calculate the afterlife compost time of your prints before they exist

Natural silk-look
radiating ecological
softness and glamour

The world-best ecological 3D filament? Compost3d®, naturally!

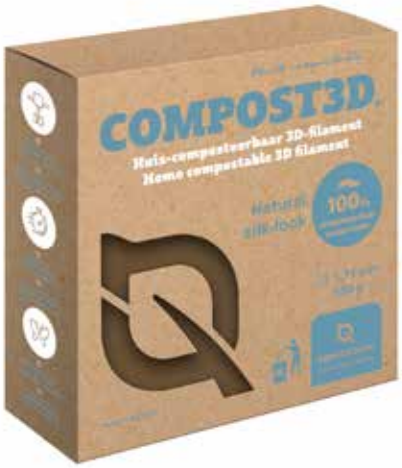
Compost3d® leads the 3D printing world to the next eco dimension: the fibrous material is dominantly made from natural resources and is 100% compostable in your own garden! Based on the printing software, you can now calculate the time to compost your prints. Compost3d® lets you drive your own end-of-life race of all your printing projects, even before you realized them. A revolutionary step to tomorrow's sustainable world.

100% compostable

B4PLASTICS.COM

Made in Belgium

COMPOST3D®



Exceptional performance

- Higher impact and more ductile
- Easy and reliable printing of harder objects due to fibrous origin
- Print objects that first bend before they break
- Unique and premium SILK look
- Technical prints with up to 55° overhang

Technical specifications

Based on monolayer prints

COMPOST3D®*	Estimated time till >80wt% dry matter mineralization
0,25 mm	3 months
0,50 mm	4 months
0,75 mm	5 months
1,00 mm	6 months
1,25 mm	8-10 months
1,50 mm	12-18 months

* Calculate the average thickness of your prints based on your software. **Download the Compost3d app via the QR code.**

Mechanical properties

Parameter	Testmethod	Typical value
Specific gravity	ASTM D1505	1,26 g/cm³
Tensile strength	ASTM D882	65 Mpa
Elongation at break	ASTM D882	58%
Tensile modulus	ASTM D882	2810 Mpa
Impact strength	-	10 KJ/m²

Thermal properties

Parameter	Testmethod	Typical value
Printing temp.	-	190 - 220°C
Melting point	ASTM D3418	130 - 145°C
Vicat softening temp.	ISO 306	± 55°C

- Compost3d® mineralizes optimally when the compost bin reaches >40°C
- Foresee manual or mechanical aeration of the compost bin twice a week at least
- Pre-shredding of the prints reduces compost time by 25-50%

Available in:

silk white ☐ desert yellow ■ fresh-leaf green ■ terra brown ■ compost black ■

Compost3d® is available in 1,75mm and 2,85mm filament diameters on 500g eco-bobbins

FSC

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B4plastics is a Belgian tech company developing, designing and distributing eco-plastics. Tomorrow's sustainable world will increasingly require the use of local, renewable and/or biodegradable resources, and that is exactly what we start already today. This way, B4plastics products guarantee a pioneering novel balance between price, quality, functionality and sustainability.

for more innovative 'novo-design' products visit

B4PLASTICS.COM

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