



CORN NEXT

CornNext-17

Corn starch, water, enzymes. Nothing else.

A patented natural material platform. Not another bioplastic.



98% Biobased¹
DIN EN 16785-1

99.8% Plastic-free¹
The highest level verified by Flustix

Degrades in as little as 30 days
in soil and fresh water

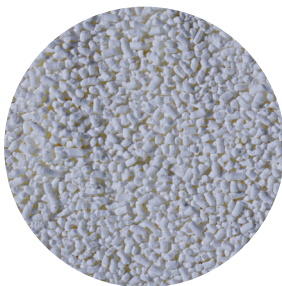
No Binding Agent
Polysaccharide Throughout

Compatible with existing equipment²
A component upgrade, not a new line



Raw Material

Corn starch: a feedstock already grown at industrial scale on several continents.



CornNext-17

Water and natural enzymes help rearrange its structure. No binder, no resin. It stays a polysaccharide.



Your Application

Proven in straws and cutlery. Now let's build yours.

¹: 98% and 99.8% are the highest result tabs and the Flustix method can return. The remaining numbers are the detection threshold of the test, not plastic found in the material. Certification applies to the specified product. Full report available under NDA.
²: Requires component upgrades.

CORN NEXT

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Plastic Performance. **Zero Plastic.**

CornNext-17 is a scalable, moldable natural material designed to replace conventional plastic in single-use applications, without plastic resins, bioplastics, or any coatings.

Corn In. Soil Out.

Organic matter, and nothing else. **CornNext-17** was designed to naturally break down in **as little as 30 days**, so it returns to soil and fresh water without an industrial composter, a collection scheme or a separate waste stream. In a 35-day trial, eleven substances, such as heavy metals, sulfides and styrene, were **all undetectable**.

One Material. Four Processes.

Injection molding and extrusion run today on general-purpose forming equipment: the same screw-and-barrel machines the industry already owns. Where a line needs adapting, it is a component upgrade, **not a new machine**: the routine the industry already followed from plastic to PLA to PHA.

Injection Molding
Cutlery, plates, trays

Extrusion
Straws, stirrers, rods, film, sheet

3D Printing
In Development

Fiber
In Development

Have a product in mind? Let's build it together.

CornNext-17 is more than a material platform, and **co-development** is how you get at it. Bring us the part you need: we review it together, adjust the formulation where your requirement calls for it, and support the process on your own equipment. Straws and cutlery are where the material started, not where it stops.

Material Engineers
In the project with you

A Variant If Needed
Developed for your requirement

Process Support
On your equipment, not ours

Potential Applications

Packaging, agriculture (mulch film, plant pots), foodservice and consumer goods (cutlery, straws, stirrers, bags), industrial single-use, medical and healthcare packaging, rigid packaging, electronics packaging and assembly consumables, automotive interior and assembly consumables, textiles and nonwovens, construction consumables, office supplies, & sporting goods...

The list goes on. Let's discover the potential of **CornNext-17** together, and build a better planet!

