

iBio

**COMPOSTABLE BIOPOLYMER
PACKAGING FOR YOUR BUSINESS**

**UAB Inorega
Lithuania
2025**

PLA USED IN OUR PRODUCTION

Biopolymer is a 100% plant-based plastic alternative derived from corn starch. Unlike traditional petroleum-based plastics, it is:

- **Renewable – Made from annually harvestable crops**
- **Biodegradable – Breaks down into water, CO₂, and biomass**
- **Non-toxic – Safe for food contact and compostable. (Home and industrial)**



CERTIFICATES

- Approved for use in food contact applications in EU (EC No. 10/2011), USA (FDA 21 CFR) and China (GB 9685-2016)
- Compliant with EN13432 and ASTM D6400 standards for industrial composting
- Biobased content of 100% according to EN16785-1 and ASTM D6866
- REACH compliant
- Reduced carbon footprint - peer reviewed LCA study available.
- Made from GMO-free crops.

EU REGULATIONS

Our biopolymer packaging is designed to comply with Regulation (EU) 2025/40

The Circular Economy Action Plan

The European Green Deal

The Plastics Strategy

- High recycling benchmarks
- 100% bio-based materials
- Composted packaging is exempt from the pollution tax.

OUR PRODUCTS AND SERVICES

PACKAGING AND MATERIALS

Preforms & Bottles

- Water
- Soft drinks and juices
- Milk and milk drinks
- Food oils
- Syrups
- Non-alcoholic beverages
- Pharmaceutical bottles & packaging
- Cosmetic industry

- Biopolymer compounds for various applications: Injection, extrusion, thermoforming.

Compound applications - food, cosmetics, pharmaceutical industries

CLOSURES FOR PACKAGING

For customer convenience, we can offer homogeneous packaging. Both the packaging and the packing cap are made of the same type of material.



PRODUCTION SERVICES

We offer our customers individual bespoke production

- Consultation
- Product design and material selection
- Mould making
- Production



OUR BIO-BASED PRODUCTS



WHY CHOOSE OUR SOLUTIONS NOW?

- 1) Increase your company's sustainability performance and product value.
- 2) Implement a waste reduction strategy.
- 3) Packaging composting options, both industrial and household
- 4) PLA biopolymer emits 80% less CO2 than petroleum-based plastics
- 5) No microplastic emissions!!!



Act now: biopolymer packaging ensures a smoother transition to the EU's circular economy industry and creates high added value for your product.

UAB Inorega

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