

# Organic Waste Bags

BASF's certified compostable and partly bio-based polymer ecovio<sup>®</sup> for organic waste bags

Across the European Union, separate organic waste collection will become mandatory by the end of 2023.

In Europe, only one third of organic waste is collected separately. Even in European countries with a well-developed composting infrastructure, the organic fraction remains the largest part of municipal residual waste.

In order to offer citizens a **cleaner, safer, and easier** collection of organic food waste BASF developed the biopolymer ecovio<sup>®</sup>. It is certified for industrial composting according to EN 13432. Regulation in Italy requires that organic waste should be collected in EN13432 certified bags.

## Key technical benefits

- High wet resistance
- Good tear resistance
- Good wet strength
- Fast biodegradation in industrial composting facilities

## Sustainability benefits

- Separate collection and recycling of organic waste is more resource efficient than having it landfilled or incinerated.
- ecovio<sup>®</sup> enables bigger amounts of food waste to be organically recycled and turned into compost. Composting helps to circulate valuable nutrients like phosphate back to agricultural production.
- The high content of renewable raw materials offers a reduced material carbon footprint, which allows savings of greenhouse gas emissions and combats climate change.
- ecovio<sup>®</sup> supports the production of renewable energy: With compostable bags, citizens collect more organic waste separately which leads to an increased biogas production.



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## Note

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