Fruit and vegetable bags

Certified compostable ecovio® helps to close the loop of the food value chain

ecovio® is a high-quality and versatile biopolymer of BASF. Its primary advantage: it is certified home or industrial compostable and partly bio-based – grades with 50% and 60% bio-based content are available. Thus, they meet the legal requirements e.g. of Italy and France for bio-based fruit and vegetable bags. ecovio® is a finished product that can be used as a drop-in solution on standard plastic production machinery. Fruit and vegetable bags made of ecovio® are just as high-performing and strong in use as those made of conventional plastics.

Fruit and vegetable bags made of ecovio® are more than simple carrier bags. The blown films can be processed to bags with or without handles. Due to the good breathability of the film, fruit and vegetables can stay fresh for a longer time. The bags can be reused as organic waste bags and thus improve the collection and recovery of organic food waste. Thus, certified compostable fruit and vegetable bags made of ecovio® support a safer, cleaner and easier food waste collection, closing the loop of the food value chain and contributing to a circular economy.

Key benefits

For processors:

- Excellent processability on conventional LDPE blown film lines
- High melt strength
- Extrusion up to a thickness of 10-15 µm
- Good mechanical properties
- Excellent welding properties

For retailers:

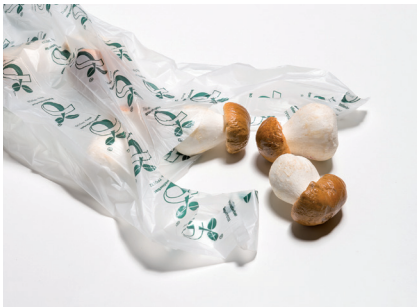
- Certified compostable and bio-based
- High tear resistance
- High wear stability
- Strong holding force
- Adaptable translucence
- Approved for food contact
- Also suitable for dry food contact
- Lighter than paper bags

For consumers:

- High tear resistance
- High wear stability
- Strong holding force
- Resistance to perforation
- Longer shelf life of fruit and vegetables
- Dual-use as organic waste bag
- Certified home-compostable

Sustainability benefits

- Certified home and industrial compostable according to international standards, e.g. EN 13432
- High bio-based content
- Life cycle analysis available
- Approved for food contact
- Reduced losses of fresh food due to good breathability of the material
- Dual use: first for carrying fruit and vegetables, then collecting organic waste
- Composting organic waste can significantly reduce the production of greenhouse gases.



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