

Cling film

Certified compostable ecovio[®] F1280 for fresh food packaging with long shelf life

For fresh food packaging, BASF offers ecovio[®], a high-quality and versatile biopolymer. Its primary advantage: it is certified home and industrial compostable – cling film made of ecovio[®] F1280 can be composted together with food residues after use, supporting an easier collection of organic food waste, thus contributing to a circular economy and reducing microplastics in organic waste.

As ecovio[®] F1280 does not contain PVC or other plasticizers, it is a sustainable alternative for cling films made of PVC and PE: The clingfilm is on the same or higher performance level regarding barrier, optical and mechanical performance. It shows optimum breathability and extends shelf life of fresh food, which is especially relevant for moisture-sensitive fruit and vegetables like mushrooms, lettuce or fresh meat. ecovio[®] F1280 thus helps to reduce food waste and greenhouse gas emissions during the distribution and consumption phase. It is a finished product that can be used as a drop-in solution on standard plastic production machinery.

Key technical benefits

- Excellent mechanical performance: on same level as PE and PVC
- High water vapor transmission (WVT): better than PE
- High transparency and clarity
- Good anti-fog properties
- For mono- or multi-layer film

- Suitable for blown and cast film in mono or co-extrusion (equipment for sticky film handling recommended)
- Easy manual wrapping
- Automatic wrapping possible

Sustainability benefits

- Certified home and industrial compostable according to international standards, e. g. EN 13432
- Longer shelf life and thus less food waste due to optimal breathability
- Approved for food contact
- No PVC, plasticizers, fillers
- Complete certified compostable packaging possible, consisting of film, tray and label
- Supports the collection of organic waste: composting can significantly reduce the production of greenhouse gases

Fields of application

- Automatic wrapping of industrially packaged food: fruit, vegetables, meat, seafood, also in combination with trays and bowls
- Rolls for manual or automatic packaging machines in industrial food packaging
- Cutter boxes in hotels, restaurants, catering services or for end consumers



BASF SE

Global Marketing Biopolymers
67056 Ludwigshafen, Germany
E-mail: biopolymers@basf.com

The certificates apply to ecovio[®], not the finished product.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any propriety rights and existing laws and legislation are observed. (April 2026)