

Compostable Packaging Films Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/C837640E1474EN.html>

Date: May 2025

Pages: 185

Price: US\$ 4,850.00 (Single User License)

ID: C837640E1474EN

Abstracts

The Global Compostable Packaging Films Market was valued at USD 10.2 billion in 2024 and is estimated to grow at a CAGR of 8.7% to reach USD 23.2 billion by 2034 driven by the booming e-commerce sector and the growing food and beverage industry. However, the introduction of tariffs on biopolymers and essential processing equipment under the previous administration in the U.S. has created cost pressures for local manufacturers of compostable packaging films. These tariffs have disrupted global supply chains, inflated input costs, and generated uncertainty for those investing in sustainable packaging solutions. The added cost burden could limit the expansion of compostable films, especially for smaller businesses that rely on imported feedstock or manufacturing technologies. Additionally, retaliation tariffs from other countries have made international trade more difficult, hurting export opportunities and reducing the overall competitiveness of the industry.

E-commerce growth is significantly impacting the demand for sustainable packaging, as the increasing volume of products being shipped online requires packaging that meets both consumer preferences and regulatory standards. Compostable films are gaining traction in e-commerce logistics because they are lightweight, flexible, and biodegradable. Manufacturers in the compostable packaging films market should focus on developing durable, lightweight, and biodegradable films tailored to the e-commerce sector. This will help meet consumer demand and address the growing regulatory pressures for sustainable packaging, particularly in emerging markets like India.

The compostable packaging films market is categorized by thickness into three segments: up to 30 microns, 30–60 microns, and above 60 microns. The market for films up to 30 microns is projected to grow at a CAGR of 7.7% through 2034. These thin

films are commonly used for packaging light food items such as bakery products, snacks, or tea bags, as well as for label and overwrap applications. Their minimal material usage makes them cost-effective while ensuring compliance with compostable standards for short-shelf-life products.

By material, the market is divided into several categories, including polylactic acid (PLA), bamboo, polyhydroxyalkanoate (PHA), starch-based films, cellulose-based films, and others. The PLA market is expected to reach USD 8.7 billion by 2034. PLA-based films are particularly popular in the food packaging sector due to their excellent printability, transparency, and compostability. PLA films present a viable alternative to fossil-fuel-based plastics, and their compatibility with existing converting equipment facilitates their rapid commercial adoption.

U.S. Compostable Packaging Films Market held a share of 87.9% in 2024 attributed to strong regulatory support aimed at reducing plastic waste and the growing commitment to sustainability by businesses. There is a rising demand for compostable films, particularly from the organic food industry and environmentally conscious consumers, which is driving innovation in home-compostable packaging solutions. Companies are actively collaborating with material engineers to develop commercially viable biodegradable alternatives.

Notable players in the Global Compostable Packaging Films Market include BioBag International, BASF, Biome Bioplastics, Amtrex Nature Care, and Baroda Rapids. To strengthen their market position, companies are adopting strategies such as forming partnerships and acquisitions to enhance their technical capabilities in the compostable packaging sector. Many companies are focusing on the development of high-quality, biodegradable films that meet the growing consumer demand for sustainable packaging. By improving their manufacturing processes and increasing the availability of compostable materials, businesses are seeking to gain a competitive edge in the market.

Companies Mentioned

Amtrex Nature Care, Baroda Rapids, BASF, BI-AX International, BioBag International, Biome Bioplastics, Cortec Corporation, Easy Flux, Futamura Group, Novamont, Plascon Group, Polynova Industries, Polystar Plastics, Taghleef Industries, TIPA

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market scope and definitions
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Base estimates and calculations
 - 1.3.1 Base year calculation
 - 1.3.2 Key trends for market estimation
- 1.4 Forecast model
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
 - 1.5.2 Data mining sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Trump administration tariffs analysis
 - 3.2.1 Impact on trade
 - 3.2.1.1 Trade volume disruptions
 - 3.2.1.2 Retaliatory measures
 - 3.2.2 Impact on the industry
 - 3.2.2.1 Supply-side impact (raw materials)
 - 3.2.2.1.1 Price volatility in key materials
 - 3.2.2.1.2 Supply chain restructuring
 - 3.2.2.1.3 Production cost implications
 - 3.2.2.2 Demand-side impact (selling price)
 - 3.2.2.2.1 Price transmission to end markets
 - 3.2.2.2.2 Market share dynamics
 - 3.2.2.2.3 Consumer response patterns
 - 3.2.3 Key companies impacted
 - 3.2.4 Strategic industry responses
 - 3.2.4.1.1 Supply chain reconfiguration

- 3.2.4.1.2 Pricing and product strategies
- 3.2.4.1.3 Policy engagement
- 3.2.5 Outlook and future considerations
- 3.3 Industry impact forces
 - 3.3.1 Growth drivers
 - 3.3.1.1 Consumer demand for sustainable packaging
 - 3.3.1.2 Growth in food & beverage industry applications
 - 3.3.1.3 Increasing restrictions on single-use plastics
 - 3.3.1.4 Demand from organic and natural product brands
 - 3.3.1.5 Growth of e-commerce and eco-friendly shipping needs
 - 3.3.2 Industry pitfalls and challenges
 - 3.3.2.1 High production and material costs
 - 3.3.2.2 Limited industrial composting infrastructure
- 3.4 Growth potential analysis
- 3.5 Regulatory landscape
- 3.6 Technology landscape
- 3.7 Future market trends
- 3.8 Porter's analysis
- 3.9 Pestel analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive analysis of major market players
- 4.4 Competitive positioning matrix
- 4.5 Strategy dashboard

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY MATERIAL, 2021-2034 (USD BILLION & KILO TONS)

- 5.1 Key trends
- 5.2 Polylactic acid (PLA)
- 5.3 Bamboo
- 5.4 Polyhydroxyalkanoate (PHA)
- 5.5 Starch-based films
- 5.6 Cellulose-based films
- 5.7 Others

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY THICKNESS, 2021-2034 (USD BILLION & KILO TONS)

- 6.1 Key trends
- 6.2 Up to 30 microns
- 6.3 30–60 microns
- 6.4 Above 60 microns

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2034 (USD BILLION & KILO TONS)

- 7.1 Key trends
- 7.2 Food & beverage
- 7.3 Healthcare & pharmaceuticals
- 7.4 Retail & e-commerce
- 7.5 Home & personal care
- 7.6 Others

CHAPTER 8 MARKET ESTIMATES AND FORECAST, BY REGION, 2021 – 2034 (USD BILLION & KILO TONS)

- 8.1 Key trends
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 France
 - 8.3.4 Spain
 - 8.3.5 Italy
 - 8.3.6 Netherlands
- 8.4 Asia Pacific
 - 8.4.1 China
 - 8.4.2 India
 - 8.4.3 Japan
 - 8.4.4 Australia
 - 8.4.5 South Korea
- 8.5 Latin America

- 8.5.1 Brazil
- 8.5.2 Mexico
- 8.5.3 Argentina
- 8.6 Middle East and Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 South Africa
 - 8.6.3 UAE

CHAPTER 9 COMPANY PROFILES

- 9.1 Amtrex Nature Care
- 9.2 Baroda Rapids
- 9.3 BASF
- 9.4 BI-AX International
- 9.5 BioBag International
- 9.6 Biome Bioplastics
- 9.7 Cortec Corporation
- 9.8 Easy Flux
- 9.9 Futamura Group
- 9.10 Novamont
- 9.11 Plascon Group
- 9.12 Polynova Industries
- 9.13 Polystar Plastics
- 9.14 Taghleef Industries
- 9.15 TIPA

I would like to order

Product name: Compostable Packaging Films Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/C837640E1474EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C837640E1474EN.html>