# Bioplastics Packaging Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> **Industry:** Sustainable & Biodegradable Packaging (Packaging)
> **Source:** [https://www.mordorintelligence.com/industry-reports/bioplastics-packaging-market](https://www.mordorintelligence.com/industry-reports/bioplastics-packaging-market)
> **Scraped Date:** 2026-09-17

## Executive Market Summary

| Market Metric | Details |
| :--- | :--- |
| **Base Market Size** | USD 7.54 billion |
| **Projected Forecast (2031)** | USD 7.54 billion |
| **Growth Rate (CAGR)** | 20.18 % |
| **Largest Market Region** | N/A |
| **Fastest-Growing Region** | N/A |

## Market Visualizations & Infographics

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![Major players in Bioplastics Packaging industry](images/chart_2.png)

![Bioplastics Packaging Market Summary](images/chart_3.png)

![Bioplastics Packaging Market: Market Share by Material Type, 2025](images/chart_4.png)

![Bioplastics Packaging Market: Market Share by End-Use Industry, 2025](images/chart_5.png)

![Bioplastics Packaging Market CAGR (%), Growth Rate by Region](images/chart_6.png)

![Bioplastics Packaging Market](images/chart_7.png)

![Icon](images/chart_8.png)

![footer background image](images/chart_10.png)

![Mordor Intelligence on Facebook](images/chart_12.svg)

![Mordor Intelligence on Pinterest](images/chart_14.svg)

![Mordor Intelligence on Instagram](images/chart_15.svg)

![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)
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## Comprehensive Research Analysis

### Overview Points List Flex 49 Share Feature End

Market Overview

Study Period | 2020 - 2031 |
Market Size (2026) | USD 7.54 Billion |
Market Size (2031) | USD 18.89 Billion |
Growth Rate (2026 - 2031) | 20.18 % |
Fastest Growing Market | Asia Pacific |

| | |
|---|---|
| Largest Market | Europe |
| Market Concentration | Medium |
| Major Players*Disclaimer: Major Players sorted in no particular order<br><br>Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0.<br><br> | |

### Market Overview

Bioplastics Packaging Market Analysis by Mordor IntelligenceThe bioplastic packaging market size is expected to grow from USD 6.27 billion in 2025 to USD 7.54 billion in 2026 and is forecast to reach USD 18.89 billion by 2031 at 20.18% CAGR over 2026-2031. Rising Extended Producer Responsibility (EPR) fees, cost-efficient bio-feedstock processing, and consumer preference for low-carbon materials are redefining supplier economics across the bioplastic packaging market. New European Union recycling targets, India’s traceability mandate, and China’s express-parcel standards are synchronizing regulatory timetables, while large PLA and Bio-PET capacity additions in the United Arab Emirates and Thailand remove legacy supply constraints. Global food-service chains and luxury personal care brands now treat bioplastic formats as mainstream, accelerating innovation in coatings, multilayer films, and barrier performance. These converging forces confirm a structural shift in packaging material choice that favors renewable feedstocks over fossil-based polymers.

Key Report Takeaways

* By material type, Bio-PET led with 39.10% of bioplastic packaging market share in 2025, whereas PHA is forecast to grow at 21.65% CAGR through 2031
* By product type, flexible packaging held 57.62% revenue share in 2025 and is set to expand at a 21.05% CAGR to 2031
* By end-use industry, food and beverage accounted for 29.25% of the bioplastic packaging market size in 2025; personal care and cosmetics is projected to post a 20.58% CAGR between 2026-2031
* By distribution channel, direct sales captured 59.55% share of the bioplastic packaging market in 2025, while indirect channels record the fastest 20.74% CAGR through 2031
* By geography, Europe dominated with 37.95% share in 2025, whereas Asia-Pacific is the fastest-growing region at 21.93% CAGR to 2031

### Key Market Trends

Global Bioplastics Packaging Market Trends and InsightsDrivers Impact Analysis*

| Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |
|---|---|---|---|
| Global EPR Legislation Driving Bio-Based Packaging Adoption | +4.2% | Global, with early implementation in EU, North America, and APAC | Medium term (2-4 years) |
| Demand for bioplastic packaging surges as multinational food-service chains embrace compostable packaging | +3.8% | Global, concentrated in North America and Europe | Short term (≤ 2 years) |
| Asia-Pacific Policy Shifts Creating Momentum for Bioplastic Packaging | +3.1% | APAC core, spill-over to MEA | Medium term (2-4 years) |
| Expansion of global Bio-PET and PLA production is lowering cost barriers to adoption | +2.9% | Global, with major capacity additions in UAE, Thailand, and India | Long term (≥ 4 years) |
| Increasing adoption of bioplastic packaging among Luxury and personal care brands | +2.3% | North America & EU, expanding to APAC | Medium term (2-4 years) |
| Government Investment in Composting Infrastructure Accelerating Downstream Adoption | +1.9% | North America & EU, selective APAC markets | Long term (≥ 4 years) |

Source: Mordor Intelligence |

### Competitive Landscape

Competitive Landscape

The competitive field remains moderately fragmented. Global packaging majors integrate renewable substrates into existing lines while specialized bioplastic start-ups chase property breakthroughs. Amcor surpassed its interim target by sourcing more than 10% post-consumer resin, demonstrating how incumbents convert scale into sustainability milestones. [3] Amcor, “Sustainability Report 2024,” amcor.com Novolex’s USD 6.7 billion purchase of Pactiv Evergreen extends channel breadth to 39,000 SKUs, giving the combined firm powerful bargaining leverage with retailers.

Technology alliances dominate strategy. Amcor’s partnership with Bloom Biorenewables injects plant-waste chemistry into PET supply, while Toray and Idemitsu collaborate on biomass ABS to diversify away from sugar feedstocks . Patent filings climbed to 847 in 2024, with 34% focused on barrier improvement. Venture funding concentrates on enzymes that accelerate composting and catalysts that cut polymerization energy by 30%, hinting at a future cost step-change across the bioplastic packaging market.

Regulatory compliance deadlines from 2025 onward encourage capacity pre-booking, tightening near-term spot supply despite new plant announcements. Consequently, suppliers that guarantee on-spec resin and deliver life-cycle data win multi-year contracts. Market participants capable of backward-integrating into feedstock or forward-integrating into collection services establish defensible moats as the bioplastic packaging market pivots from niche to mainstream.

Bioplastics Packaging Industry Leaders* BASF SE (Badische Anilin- und Soda-Fabrik)

* TAGHLEEF INDUSTRIES GROUP

* Mitsubishi Chemical Corporation

* Alpagro Packaging

* Amcor Plc

* *Disclaimer: Major Players sorted in no particular order


### Scope Methodology P Space

This market covers packaging formats made using bioplastic materials, counted in revenue terms, where the polymer is bio-based, biodegradable, or both, and is used in rigid or flexible packaging across major end-use industries.

Scope exclusions: Excluded are conventional fossil-based plastics with no bio-content and non-packaging uses of bioplastics (such as durable components outside packaging).

### Segmentation Container

* By Material Type* Non-Biodegradable Bioplastics* Bio-PET
* Bio-PE
* Other Non-Biodegradable Bioplastics

* Biodegradable Bioplastics* Starch Blends
* Polylactic Acid (PLA)

* Poly(Butylene Adipate-co-Terephthalate) (PBAT)
* Polybutylene Succinate (PBS)
* Polyhydroxyalkanoates (PHA)
* Other Biodegradable Bioplastics

* By Product Type* Rigid Packaging* Bottles and Jars
* Trays and Containers
* Other Rigid Packaging

* Flexible Packaging* Films and Wraps
* Pouches and Bags
* Other Flexible Packaging

* By End-Use Industry* Food
* Beverages
* Pharmaceuticals
* Personal Care and Cosmetics
* Other End - Use Industry

* By Distribution Channel* Direct Sales
* Indirect Sales

* By Geography* North America* United States
* Canada
* Mexico

* Europe* Germany
* United Kingdom
* France
* Italy
* Spain
* Russia
* Rest of Europe

* Asia-Pacific* China
* India
* Japan
* South Korea
* Australia and New Zealand
* Rest of Asia-Pacific

* Middle East and Africa* Middle East* United Arab Emirates
* Saudi Arabia
* Turkey
* Rest of Middle East

* Africa* South Africa
* Nigeria
* Egypt
* Rest of Africa

* South America* Brazil
* Argentina
* Rest of South America

## Frequently Asked Questions

#### What is the current size of the bioplastic packaging market?

The bioplastic packaging market reached USD 7.54 billion in 2026 and is set to c limb to USD 18.89 billion by 2031.

#### Which region leads the bioplastic packaging market?

Europe leads with a 37.95% share in 2025, driven by stringent EU recycling and content mandates.

#### Which material type dominates the market today?

Bio-PET dominates with a 39.10% share thanks to compatibility with existing PET recycling infrastructure.

#### Why are flexible formats growing fastest?

Flexible packaging aligns well with PLA and Bio-PE material properties and supports quick-service and e-commerce applications, driving a 21.05% CAGR through 2031.

#### What is the biggest restraint to wider adoption?

Feedstock competition from biofuels limits bio-based polymer supply, subtracting 2.8 percentage points from the forecast CAGR.