+357 96 030922
info@marketpublishers.com

South Korea Bioplastics Market Size, Share, Trends and Forecast by Product, Application, Distribution Channel, and Region, 2026-2034

https://marketpublishers.com/r/SE22BA51E4DFEN.html
Date: July 2026
Pages: 117
Price: US$ 2,999.00 (Single User License)
ID: SE22BA51E4DFEN

Abstracts

The South Korea bioplastics market size reached USD 295.6 Million in 2025 . Looking forward, the market is projected to reach USD 829.4 Million by 2034 , exhibiting a growth rate (CAGR) of 11.54% during 2026-2034 . The market is driven by regulatory frameworks targeting plastic waste reduction, along with enforced procurement of sustainable materials. Breakthroughs in material innovations and widespread integration of local production enhance performance and price competitiveness. Corporate and consumer sustainability commitments are further augmenting the South Korea bioplastics market share.

SOUTH KOREA BIOPLASTICS MARKET TRENDS:

Regulatory Mandates and Circular Economy Policies

South Korea has set ambitious targets for reducing plastic waste and promoting recyclable materials across industries, reflecting national commitments to circular economy principles and zero-waste objectives. Legislation such as extended producer responsibility (EPR), single-use plastic bans, and eco-labelling requirements have pushed manufacturers and retailers to seek viable alternatives. This policy environment has accelerated the adoption of bioplastic solutions in product categories from packaging to consumer goods. For instance, on February 18, 2025, SK Chemicals announced it will establish a Recycle Innovation Center (RIC) at its Ulsan plant, marking its first depolymerization-based plastic recycling facility in South Korea. The center will include a pilot depolymerization plant capable of producing 50 tons of r-BHET annually, aimed at recycling low-quality plastics including textiles, films, and automotive parts. Regulatory compliance incentives and procurement preferences further encourage R&D

+357 96 030922
info@marketpublishers.com

investments and industrial-scale biopolymer production. By aligning upstream material innovation with downstream waste management strategies, this framework supports sustainable material cycles. These coordinated efforts across government, industry, and waste infrastructure underpin South Korea bioplastics market growth.

Advances in Material Innovation and Local Production

South Korea’s chemical and biotech industries are investing in next-generation bioplastic technologies to overcome traditional limitations in cost, performance, and scalability. Local producers are developing custom bio-based resins, such as PLA, PHA, and PBS, with improved properties like heat resistance, durability, and biodegradability. On March 31, 2023, TotalEnergies Corbion, POSCO International, and ESOL announced a strategic partnership to advance polylactic acid (PLA) recycling infrastructure and technology in South Korea. POSCO International will finance the project, ESOL will manage PLA waste collection and processing, and TotalEnergies Corbion will contribute its expertise in advanced PLA recycling. With the PLA market growing at over 20% annually, this collaboration supports South Korea’s bioplastics sector by strengthening its circular economy framework and low-carbon materials strategy. Partnerships between academic institutions and industry have enabled pilot plants and commercialization pathways, while vertical integration from feedstock production to resin compounding has strengthened supply chain resilience. These developments are crucial to meeting the diverse needs of fast-moving consumer goods, electronics, and automotive sectors. Investments in process innovation, feedstock diversification (including cellulose and biomass residues), and production optimization are steadily lowering costs, narrowing the premium gap with petrochemical plastics. As these capabilities mature, bioplastics are moving from niche to mainstream use cases.

SOUTH KOREA BIOPLASTICS MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on product, application, and distribution channel.

Product Insights:

Biodegradable

Polylactic Acid

+357 96 030922
info@marketpublishers.com

- Starch Blends
- Polybutylene Adipate Terephthalate (PBAT)
- Polybutylene Succinate (PBS)
- Others

Non-Biodegradable

- Polyethylene
- Polyethylene Terephthalate
- Polyamide
- Polytrimethylene Terephthalate
- Others

The report has provided a detailed breakup and analysis of the market based on the product. This includes biodegradable (polylactic acid, starch blends, polybutylene adipate terephthalate (PBAT), polybutylene succinate (PBS), and others) and non-biodegradable (polyethylene, polyethylene terephthalate, polyamide, polytrimethylene terephthalate, and others).

Application Insights:

- Flexible Packaging
- Rigid Packaging
- Agriculture and Horticulture
- Consumer Goods
- Textile

+357 96 030922
info@marketpublishers.com

Automotive and Transportation

The report has provided a detailed breakup and analysis of the market based on the application. This includes flexible packaging, rigid packaging, agriculture and horticulture, consumer goods, textile, automotive and transportation, and others.

Distribution Channel Insights:

Online

Offline

The report has provided a detailed breakup and analysis of the market based on the distribution channel. This includes online and offline.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

The report has also provided a comprehensive analysis of all major regional markets. This includes Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

+357 96 030922
info@marketpublishers.com

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea bioplastics market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea bioplastics market on the basis of product?

What is the breakup of the South Korea bioplastics market on the basis of application?

What is the breakup of the South Korea bioplastics market on the basis of distribution channel?

What is the breakup of the South Korea bioplastics market on the basis of region?

What are the various stages in the value chain of the South Korea bioplastics market?

What are the key driving factors and challenges in the South Korea bioplastics market?

What is the structure of the South Korea bioplastics market and who are the key players?

What is the degree of competition in the South Korea bioplastics market?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

7 SOUTH KOREA BIOPLASTICS MARKET - BREAKUP BY APPLICATION

+357 96 030922
info@marketpublishers.com

8 SOUTH KOREA BIOPLASTICS MARKET - BREAKUP BY DISTRIBUTION CHANNEL

9 SOUTH KOREA BIOPLASTICS MARKET – BREAKUP BY REGION

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: South Korea Bioplastics Market Size, Share, Trends and Forecast by Product, Application, Distribution Channel, and Region, 2026-2034

Product link: https://marketpublishers.com/r/SE22BA51E4DFEN.html

Price: US$ 2,999.00 (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/SE22BA51E4DFEN.html