

South Korea Plastics Market Report by Type (Polyethylene, Polypropylene, Polyvinyl Chloride, and Others), Application (Injection Molding, Blow Molding, Roto Molding, Compression Molding, Casting, Thermoforming, Extrusion, Calendering, and Others), End User (Packaging, Automotive, Infrastructure and Construction, Consumer Goods, and Others), and Region 2026-2034

<https://marketpublishers.com/r/SCA61AA5971FEN.html>

Date: July 2026

Pages: 118

Price: US\$ 2,999.00 (Single User License)

ID: SCA61AA5971FEN

Abstracts

South Korea plastics market size reached USD 13.3 Billion in 2025. Looking forward, IMARC Group expects the market to reach USD 25.1 Billion by 2034, exhibiting a growth rate (CAGR) of 6.95% during 2026-2034. The ongoing advancements in plastic manufacturing technologies, which lead to the development of new and improved plastic products, making them more attractive to various industries, are driving the market.

Plastics are synthetic polymers derived from petrochemicals, composed of large molecular chains known as polymers. They revolutionized various industries due to their versatility, durability, and cost-effectiveness. They can be molded into a wide range of shapes, making them integral in manufacturing everyday items like packaging, toys, and containers. However, the environmental impact of plastics has become a growing concern. Their resistance to decomposition leads to persistent pollution, harming ecosystems and wildlife. Efforts to address this issue include promoting recycling, developing biodegradable alternatives, and raising awareness about responsible plastic usage. Balancing the benefits of plastics with environmental considerations remains a challenge, prompting innovation and sustainability efforts to create a more responsible approach to the production and disposal of plastic materials.

SOUTH KOREA PLASTICS MARKET TRENDS:

The plastics market in South Korea is experiencing robust growth, primarily propelled by increasing demand across various industries. One key driver is the burgeoning packaging sector, which relies heavily on plastics due to their versatility and cost-effectiveness. Moreover, the rising consumer preference for convenient and lightweight packaging has further elevated the demand for plastics in the packaging industry. Additionally, the automotive sector is significantly contributing to the market's expansion as manufacturers increasingly incorporate lightweight and durable plastics in-vehicle components to enhance fuel efficiency and reduce overall vehicle weight. Furthermore, technological advancements in plastic manufacturing processes have led to the development of high-performance polymers with enhanced properties, widening the scope of applications in sectors such as electronics, healthcare, and construction. The growing awareness and initiatives towards sustainable practices have also steered the plastics market, with a shift towards recyclable and biodegradable plastics gaining momentum. Governments and regulatory bodies in South Korea are implementing stringent regulations to curb single-use plastics, fostering innovation in the industry. In summary, the regional plastics market is being driven by a confluence of factors, including evolving consumer preferences, technological innovations, and a push towards sustainability, making it a dynamic and resilient sector with promising growth prospects.

SOUTH KOREA PLASTICS MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on type, application, and end user.

Type Insights:

Polyethylene

Polypropylene

Polyvinyl Chloride

Others

The report has provided a detailed breakup and analysis of the market based on the type. This includes polyethylene, polypropylene, polyvinyl chloride, and others.

Application Insights:

Injection Molding

Blow Molding

Roto Molding

Compression Molding

Casting

Thermoforming

Extrusion

Calendering

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes injection molding, blow molding, roto molding, compression molding, casting, thermoforming, extrusion, calendering, and others.

End User Insights:

Packaging

Automotive

Infrastructure and Construction

Consumer Goods

Others

The report has provided a detailed breakup and analysis of the market based on the end user. This includes packaging, automotive, infrastructure and construction, consumer goods, and others.

Regional Insights:

Seoul Capital Area

Yeongam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongam (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 in the market. 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.

KEY QUESTIONS ANSWERED IN THIS REPORT

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

What is the breakup of the South Korea plastics market on the basis of type?

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

What is the breakup of the South Korea plastics market on the basis of end user?

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

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

What is the structure of the South Korea plastics market and who are the key players?
What is the degree of competition in the South Korea plastics market?

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