

South Korea Polypropylene Market Report by Type (Homopolymer, Copolymer), Process (Injection Molding, Blow Molding, Extrusion, and Others), Application (Film and Sheet, Fiber, Raffia, and Others), End User (Packaging, Automotive, Building and Construction, Medical, Electrical and Electronics, and Others), and Region 2026-2034

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Abstracts

South Korea polypropylene market size reached USD 2.7 Billion in 2025. Looking forward, IMARC Group expects the market to reach USD 4.7 Billion by 2034, exhibiting a growth rate (CAGR) of 5.76% during 2026-2034. The growing advancements in polymerization technology, rising employment in the packaging industry for making bottles, containers, and bags, and storage facilities, and increasing employment in the production of electric vehicles (EVs) represent some of the key factors driving the market.

Polypropylene (PP) is a type of synthetic polymer derived from the polymerization of propylene monomers. It exists in several forms, including homopolymers, random copolymers, and block copolymers, each with unique characteristics. It has a low density, which results in lightweight products, making it ideal for applications where weight is a critical factor. It exhibits excellent flexibility and toughness, allowing it to withstand mechanical stresses without breaking. It has a high melting point, making it suitable for use in applications that involve high-temperature conditions. It is an economically viable material, making it an attractive option for manufacturers looking to lower production costs. It is durable and ensures that products made from it have a longer lifespan, reducing the need for frequent replacements. It is recyclable, contributing to sustainability efforts and reducing environmental impact. It can withstand

exposure to various corrosive substances without degradation due to its resistance to chemicals. It is utilized in the textile industry for manufacturing various products, including ropes, carpets, and geotextiles.

SOUTH KOREA POLYPROPYLENE MARKET TRENDS:

At present, the rising employment of PP in the packaging industry for making bottles, containers, and bags due to its excellent chemical resistance and lightweight nature represents one of the key factors impelling the market growth in South Korea. Additionally, the increasing utilization of PP in automotive manufacturing due to its lightweight, durability, and cost-effectiveness is bolstering the market growth. Besides this, the growing advancements in polymerization technology are enabling the production of high-performance PP grades with improved mechanical properties and enhanced heat resistance. These technological innovations are broadening the application scope of PP and leading to its increased use in electronics and appliances. Moreover, the rising adoption of PP in healthcare and medical devices like syringes , intravenous (IV) containers, and medical packaging on account of its biocompatibility and resistance to chemical sterilization methods is propelling the market growth. In addition, the increasing reliance on PP in the production of electric vehicles (EVs) to reduce the overall weight of vehicles and enhance their energy efficiency is strengthening the market growth in the country. PP is used in battery components, interior parts, and other applications in the EV sector. Furthermore, the growing infrastructure development and construction projects, including transportation networks, commercial buildings, and residential complexes, require PP in various construction applications, such as pipes, fittings, and insulation materials. Apart from this, the rising focus on innovative recycling technologies for PP is prompting investments in advanced recycling methods that can recover high-quality PP from post-consumer and post-industrial waste streams. These initiatives contribute to sustainability goals and create a more circular supply chain for polypropylene.

SOUTH KOREA POLYPROPYLENE 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, process, application, and end user.

Type Insights:

Homopolymer

Copolymer

The report has provided a detailed breakup and analysis of the market based on the type. This includes homopolymer and copolymer.

Process Insights:

Injection Molding

Blow Molding

Extrusion

Others

A detailed breakup and analysis of the market based on the process have also been provided in the report. This includes injection molding, blow molding, extrusion, and others.

Application Insights:

Film and Sheet

Fiber

Raffia

Others

The report has provided a detailed breakup and analysis of the market based on the application. This includes film and sheet, fiber, raffia, and others.

End User Insights:

Packaging

Automotive

Building and Construction

Medical

Electrical and Electronics

Others

A detailed breakup and analysis of the market based on the end user have also been provided in the report. This includes packaging, automotive, building and construction, medical, electrical and electronics, 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 polypropylene market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea polypropylene market?

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

What is the breakup of the South Korea polypropylene market on the basis of process?

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

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

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

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

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

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

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA POLYPROPYLENE MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA POLYPROPYLENE MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA POLYPROPYLENE MARKET - BREAKUP BY TYPE

- 6.1 Homopolymer
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Copolymer
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

7 SOUTH KOREA POLYPROPYLENE MARKET - BREAKUP BY PROCESS

7.1 Injection Molding

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Blow Molding

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Extrusion

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Others

7.4.1 Historical and Current Market Trends (2020-2025)

7.4.2 Market Forecast (2026-2034)

8 SOUTH KOREA POLYPROPYLENE MARKET - BREAKUP BY APPLICATION

8.1 Film and Sheet

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Fiber

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Raffia

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Others

8.4.1 Historical and Current Market Trends (2020-2025)

8.4.2 Market Forecast (2026-2034)

9 SOUTH KOREA POLYPROPYLENE MARKET - BREAKUP BY END USER

9.1 Packaging

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Forecast (2026-2034)

9.2 Automotive

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Forecast (2026-2034)

9.3 Building and Construction

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Forecast (2026-2034)

9.4 Medical

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Forecast (2026-2034)

9.5 Electrical and Electronics

9.5.1 Overview

9.5.2 Historical and Current Market Trends (2020-2025)

9.5.3 Market Forecast (2026-2034)

9.6 Others

9.6.1 Historical and Current Market Trends (2020-2025)

9.6.2 Market Forecast (2026-2034)

10 SOUTH KOREA POLYPROPYLENE MARKET – BREAKUP BY REGION

10.1 Seoul Capital Area

10.1.1 Overview

10.1.2 Historical and Current Market Trends (2020-2025)

10.1.3 Market Breakup by Type

10.1.4 Market Breakup by Process

10.1.5 Market Breakup by Application

10.1.6 Market Breakup by End User

10.1.7 Key Players

10.1.8 Market Forecast (2026-2034)

10.2 Yeongam (Southeastern Region)

10.2.1 Overview

10.2.2 Historical and Current Market Trends (2020-2025)

- 10.2.3 Market Breakup by Type
- 10.2.4 Market Breakup by Process
- 10.2.5 Market Breakup by Application
- 10.2.6 Market Breakup by End User
- 10.2.7 Key Players
- 10.2.8 Market Forecast (2026-2034)
- 10.3 Honam (Southwestern Region)
 - 10.3.1 Overview
 - 10.3.2 Historical and Current Market Trends (2020-2025)
 - 10.3.3 Market Breakup by Type
 - 10.3.4 Market Breakup by Process
 - 10.3.5 Market Breakup by Application
 - 10.3.6 Market Breakup by End User
 - 10.3.7 Key Players
 - 10.3.8 Market Forecast (2026-2034)
- 10.4 Hoseo (Central Region)
 - 10.4.1 Overview
 - 10.4.2 Historical and Current Market Trends (2020-2025)
 - 10.4.3 Market Breakup by Type
 - 10.4.4 Market Breakup by Process
 - 10.4.5 Market Breakup by Application
 - 10.4.6 Market Breakup by End User
 - 10.4.7 Key Players
 - 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
 - 10.5.1 Historical and Current Market Trends (2020-2025)
 - 10.5.2 Market Forecast (2026-2034)

11 SOUTH KOREA POLYPROPYLENE MARKET – COMPETITIVE LANDSCAPE

- 11.1 Overview
- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies
- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

12 PROFILES OF KEY PLAYERS

12.1 Company A

12.1.1 Business Overview

12.1.2 Product Portfolio

12.1.3 Business Strategies

12.1.4 SWOT Analysis

12.1.5 Major News and Events

12.2 Company B

12.2.1 Business Overview

12.2.2 Product Portfolio

12.2.3 Business Strategies

12.2.4 SWOT Analysis

12.2.5 Major News and Events

12.3 Company C

12.3.1 Business Overview

12.3.2 Product Portfolio

12.3.3 Business Strategies

12.3.4 SWOT Analysis

12.3.5 Major News and Events

12.4 Company D

12.4.1 Business Overview

12.4.2 Product Portfolio

12.4.3 Business Strategies

12.4.4 SWOT Analysis

12.4.5 Major News and Events

12.5 Company E

12.5.1 Business Overview

12.5.2 Product Portfolio

12.5.3 Business Strategies

12.5.4 SWOT Analysis

12.5.5 Major News and Events

13 SOUTH KOREA POLYPROPYLENE MARKET - INDUSTRY ANALYSIS

13.1 Drivers, Restraints, and Opportunities

13.1.1 Overview

13.1.2 Drivers

13.1.3 Restraints

13.1.4 Opportunities

13.2 Porters Five Forces Analysis

- 13.2.1 Overview
- 13.2.2 Bargaining Power of Buyers
- 13.2.3 Bargaining Power of Suppliers
- 13.2.4 Degree of Competition
- 13.2.5 Threat of New Entrants
- 13.2.6 Threat of Substitutes
- 13.3 Value Chain Analysis

14 APPENDIX

I would like to order

Product name: South Korea Polypropylene Market Report by Type (Homopolymer, Copolymer), Process (Injection Molding, Blow Molding, Extrusion, and Others), Application (Film and Sheet, Fiber, Raffia, and Others), End User (Packaging, Automotive, Building and Construction, Medical, Electrical and Electronics, and Others), and Region 2026-2034

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