

Polypropylene Copolymer Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/P079F556520EN.html>

Date: September 2023

Pages: 145

Price: US\$ 2,699.00 (Single User License)

ID: P079F556520EN

Abstracts

Market Overview:

The global polypropylene copolymer market size reached US\$ 55.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 74.2 Billion by 2028, exhibiting a growth rate (CAGR) of 4.8% during 2023-2028. The rapidly evolving automotive industry, the growing product adoption in the electrical and electronics industry, extensive research and development (R&D) activities, and the increasing product application in medical devices are some of the major factors propelling the market.

Polypropylene copolymer refers to a thermoplastic polymer widely used in industrial applications due to its excellent thermal, chemical, and mechanical properties. It is synthesized using the copolymerization process, involving the polymerization of propylene with a mixture of monomers. Polypropylene copolymer is widely used in packaging, automotive components, medical devices, household goods, textiles, and electronic devices. It is a cost-effective, lightweight, and durable material that offers high tensile strength and provides resistance against impact, abrasion, chemicals, and fatigue. Polypropylene copolymer is also recyclable and aids in reducing waste generation and minimizing the utilization of virgin materials.

The widespread product utilization in medical devices, such as syringes, medical tubing, intravenous (IV) components, and laboratory equipment, owing to its excellent biocompatibility, chemical resistance, and ease of sterilization, is providing an impetus to the market growth. Furthermore, the growing demand for polypropylene copolymer

used in the manufacturing of household products, such as storage containers, kitchenware, garden tools, and furniture, is positively influencing the market growth. Additionally, the rising product application in the textile industry to produce fibers, nonwoven fabrics, and geotextiles is acting as another growth-inducing factor. Moreover, the increasing product adoption in three-dimensional (3D) printing for prototyping and manufacturing functional parts for industrial machinery is positively influencing the market growth. Other factors, including the rapid industrialization, increasing investment in the development of advanced products, and the rising product demand in construction activities, are anticipated to drive the market growth.

Polypropylene Copolymer Market Trends/Drivers:

The widespread product utilization in the automotive industry

Polypropylene copolymer is extensively used in the manufacturing of automotive interior components, such as instrument panels, door trims, center consoles, dashboard components, and pillar trims. It offers excellent design flexibility, ease of processing, and superior surface finish, which enhances the overall aesthetic appeal of the vehicle interior. Furthermore, the widespread product utilization in manufacturing automotive bumpers and body panels, due to its high impact resistance, toughness, and dimensional stability, is supporting the market growth. Moreover, the rising utilization of polypropylene copolymer in the production of engine covers, air intake manifolds, battery housings, and fluid reservoirs is contributing to the market growth. Additionally, the increasing product application in automotive heating, ventilation, and air conditioning (HVAC) components, such as air ducts, vents, and heater boxes is favoring the market growth.

The growing product adoption in the electrical and electronics industry

Polypropylene copolymer finds extensive applications in the electrical and electronics industry owing to its excellent electrical insulation, thermal stability, flame retardancy, and chemical resistance. It is widely used as an insulating material for wires and cables due to its high dielectric strength that prevents electrical leakage and ensures efficient signal transmission. Furthermore, the increasing product utilization in the manufacturing of film capacitors owing to its low dissipation factor and high insulation resistance is favoring the market growth. Moreover, the extensive application of polypropylene copolymer as a substrate or laminate in printed circuit boards (PCBs) is strengthening the market growth. Additionally, the rising product demand to produce electrical housing and enclosures, as it provides superior mechanical strength, impact resistance, and protection against environmental factors, is boosting the market growth.

Extensive research and development (R&D) activities

The recent development of high-performance polypropylene copolymers that exhibit enhanced stiffness, impact resistance, and heat resistance compared to traditional products is positively influencing the market growth. Additionally, the introduction of sustainable polypropylene copolymers that are derived from recycled and renewable feedstocks, which aids in minimizing waste generation, lowering carbon footprint, and reducing the reliance on fossil fuels, is supporting the market growth. Moreover, the utilization of metallocene catalysts in product manufacturing to enable better control over the polymerization process, improve clarity, enhance product quality, and increase yield is catalyzing the market growth. Apart from this, the addition of specific chemical groups or functional moieties to the polypropylene copolymers structure to enhance adhesion, enable surface modification, and increase compatibility with other materials is strengthening the market growth.

Polypropylene copolymer Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global polypropylene copolymer market report, along with forecasts at the global and regional levels from 2023-2028. Our report has categorized the market based on end-use.

Breakup by End-Use:

Rigid Packaging

Textiles

Technical Parts

Films

Consumer Products

Others

Rigid packaging dominates the polypropylene copolymer market

The report has provided a detailed breakup and analysis of the polypropylene copolymer market based on the end-use. This includes rigid packaging, textiles, technical parts, films, consumer products, and others. According to the report, rigid packaging represented the largest market segment.

Polypropylene copolymer is widely used in rigid packaging due to its high structural integrity and excellent barrier property. It is used to manufacture food packaging

products, such as containers, cups, lids, trays, films, pouches and bottles. Furthermore, the increasing product utilization in beverage packaging, owing to its lightweight nature, transparency, and high impact resistance, is acting as another growth-inducing factor. Moreover, the growing product demand to produce packaging for personal care items, such as creams, shampoos, lotions, and cosmetics, is positively influencing the market growth. Apart from this, the rising product applications in pharmaceutical packaging, such as bottles, vials, and blister packs, due to its chemical resistance and ease of sterilization, are positively influencing the market growth.

Breakup by Region:

Asia Pacific

North and South America

Western and Central Europe

Middle East and Africa

Others

Asia Pacific exhibits a clear dominance in the market, accounting for the largest polypropylene copolymer market share

The report has also provided a comprehensive analysis of all the major regional markets, which includes Asia Pacific, North and South America, Western and Central Europe, Middle East and Africa, and others. According to the report, Asia Pacific represented the largest market segment.

Asia Pacific is dominating the polypropylene copolymer market due to rapid industrialization activities. Polypropylene copolymer is widely used in the automotive, electrical and electronics, packaging, and construction industries. Along with this, the presence of a well-established manufacturing base, easy availability of skilled labor, and favorable investment regulations are contributing to the market growth. Furthermore, the easy access to raw materials and low labor cost in the region has resulted in the production of polypropylene copolymer at competitive prices. Moreover, the implementation of supportive policies by the regional governments to encourage manufacturing, improve infrastructure, and create business-friendly environments is favoring the market growth. Apart from this, the growing demand for reliable and durable packaging solutions owing to the significant growth in the e-commerce industry is boosting the market growth.

Competitive Landscape:

The leading companies in the polypropylene copolymer market are investing in research and development (R&D) projects to create new and innovative products with improved mechanical properties, heat resistance, impact resistance, and sustainability features. Furthermore, several key players are expanding their market presence by establishing distribution networks, strategic partnerships, and collaborations to ensure the wider availability of their polypropylene copolymer products globally. Moreover, the increasing emphasis on the customer-centric approach has prompted manufacturers to design customized products that fit the specific requirements of the clients. Additionally, the growing focus on supply chain optimization to reduce lead time and ensure timely delivery of products is contributing to the market growth.

The report has provided a comprehensive analysis of the competitive landscape in the global polypropylene copolymer market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

LyondellBasell
Sinopec Group
Braskem Group
SABIC
PetroChina Group

Recent Developments:

In July 2022, LyondellBasell joined the NEXTLOOP initiative to create circular food-grade recycled polypropylene (FGrPP) from post-consumer packaging.

In December 2020, Russia approved the participation of Sinopec Group in a mega petrochemical project, which aims to produce 2.3 million tonnes of polyethylene and 400,000 tonnes of polypropylene per year beginning in 2024-2025.

In June 2020, Braskem Group completed the construction of a new polypropylene production facility in La Porte, Texas. This new facility has the capability to produce the entire polypropylene portfolio, including homopolymers, impact copolymers, and random copolymers.

Key Questions Answered in This Report

1. How big is the global polypropylene copolymer market?
2. What is the expected growth rate of the global polypropylene copolymer market during 2023-2028?
3. What are the key factors driving the global polypropylene copolymer market?
4. What has been the impact of COVID-19 on the global polypropylene copolymer

market?

5. What is the breakup of the global polypropylene copolymer market based on the end-use?
6. What are the key regions in the global polypropylene copolymer market?
7. Who are the key players/companies in the global polypropylene copolymer 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 INTRODUCTION

4.1 Overview

4.2 Properties

4.3 Key Industry Trends

5 GLOBAL POLYPROPYLENE COPOLYMER INDUSTRY

5.1 Market Overview

5.2 Market Performance

5.2.1 Volume Trends

5.2.2 Value Trends

5.3 Impact of COVID-19

5.4 Price Analysis

5.4.1 Key Price Indicators

5.4.2 Price Structure

5.4.3 Price Trends

5.5 Market Breakup by Region

5.6 Market Breakup by End-Use

5.7 Market Forecast

5.8 SWOT Analysis

- 5.8.1 Overview
- 5.8.2 Strengths
- 5.8.3 Weaknesses
- 5.8.4 Opportunities
- 5.8.5 Threats
- 5.9 Value Chain Analysis
 - 5.9.1 Raw Material Procurement
 - 5.9.2 Manufacturing
 - 5.9.3 Marketing
 - 5.9.4 Distribution
 - 5.9.5 Exports
 - 5.9.6 End-Use
- 5.10 Porter's Five Forces Analysis
 - 5.10.1 Overview
 - 5.10.2 Bargaining Power of Buyers
 - 5.10.3 Bargaining Power of Suppliers
 - 5.10.4 Degree of Competition
 - 5.10.5 Threat of New Entrants
 - 5.10.6 Threat of Substitutes
- 5.11 Trade Data
 - 5.11.1 Imports
 - 5.11.2 Exports
- 5.12 Key Market Drivers and Success Factors

6 PERFORMANCE OF KEY REGIONS

- 6.1 Asia Pacific
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 North and South America
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Western and Central Europe
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Middle East and Africa
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others

6.5.1 Market Trends

6.5.2 Market Forecast

7 MARKET BREAKUP BY END-USE

7.1 Rigid Packaging

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Textiles

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Technical Parts

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Films

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Consumer Products

7.5.1 Market Trends

7.5.2 Market Forecast

7.6 Others

7.6.1 Market Trends

7.6.2 Market Forecast

8 COMPETITIVE LANDSCAPE

8.1 Market Structure

8.2 Market Breakup by Key Players

8.3 Key Player Profiles

8.3.1 LyondellBasell

8.3.2 Sinopec Group

8.3.3 Braskem Group

8.3.4 SABIC

8.3.5 PetroChina Group

9 POLYPROPYLENE COPOLYMER MANUFACTURING PROCESS

9.1 Product Overview

9.2 Chemical Reactions Involved

9.3Manufacturing Process

9.4Detailed Process Flow

9.5Raw Material Requirements

9.6Mass Balance and Feedstock Conversion Rates

10 POLYPROPYLENE COPOLYMER FEEDSTOCK MARKET ANALYSIS

10.1Propylene

10.1.1 Market Performance

10.1.1.1 Volume Trends

10.1.1.2 Value Trends

10.1.2 Price Trends

10.1.3 Market Breakup by Region

10.1.4 Market Breakup by End-Use

10.1.5 Key Suppliers

10.2Ethylene

10.2.1 Market Performance

10.2.1.1 Volume Trends

10.2.1.2 Value Trends

10.2.2 Price Trends

10.2.3 Market Breakup by Region

10.2.4 Market Breakup by End-Use

10.2.5 Key Suppliers

List Of Tables

LIST OF TABLES

Table 1: Polypropylene Copolymer: Physical and Mechanical Properties

Table 2: Polypropylene Copolymer: Thermal and Electrical Properties

Table 3: Global: Polypropylene Copolymer Market: Key Industry Highlights, 2022 and 2028

Table 4: Global: Polypropylene Copolymer Market Forecast: Breakup by Region (in Million Tons), 2023-2028

Table 5: Global: Polypropylene Copolymer Market Forecast: Breakup by End-Use (in Million Tons), 2023-2028

Table 6: Global: Polypropylene Copolymer Market: Imports by Major Countries

Table 7: Global: Polypropylene Copolymer Market: Exports by Major Countries

Table 8: Global: Polypropylene Copolymer Market: List of Major Players

Table 9: Polypropylene Copolymer Manufacturing: Raw Material Requirements

Table 10: Polypropylene Copolymer Manufacturing: Chemical Reactions Involved

Table 11: Global: Propylene Market: List of Major Players

Table 12: Global: Ethylene Market: Capacity of Major Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Polypropylene Copolymer Market: Major Drivers and Challenges

Figure 2: Global: Polypropylene Copolymer Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 3: Global: Polypropylene Copolymer Market: Production Value Trends (in Billion US\$), 2017-2022

Figure 4: Global: Polypropylene Copolymer Market: Average Prices (in US\$/Ton), 2017 - 2028

Figure 5: Global: Polypropylene Copolymer Market: Breakup by Region (in %), 2022

Figure 6: Global: Polypropylene Copolymer Market: Breakup by End-Use (in %), 2022

Figure 7: Global: Polypropylene Copolymer Market Forecast: Production Volume Trends (in Million Tons), 2023-2028

Figure 8: Global: Polypropylene Copolymer Market Forecast: Production Value Trends (in Billion US\$), 2023-2028

Figure 9: Global: Polypropylene Copolymer Industry: SWOT Analysis

Figure 10: Global: Polypropylene Copolymer Industry: Value Chain Analysis

Figure 11: Global: Polypropylene Copolymer Industry: Porter's Five Forces Analysis

Figure 12: Global: Polypropylene Copolymer Market: Import Value Breakup by Country (in %)

Figure 13: China: Polypropylene Copolymer Market: Import Value Trend (in '000 US\$)

Figure 14: Global: Polypropylene Copolymer Market: Export Value Breakup by Country (in %)

Figure 15: Global: Polypropylene Copolymer Market: Export Value Trend (in '000 US\$)

Figure 16: Asia Pacific: Polypropylene Copolymer Market (in Million Tons), 2017 & 2022

Figure 17: Asia Pacific: Polypropylene Copolymer Market Forecast (in Million Tons), 2023-2028

Figure 18: North and South America: Polypropylene Copolymer Market (in Million Tons), 2017 & 2022

Figure 19: North and South America: Polypropylene Copolymer Market Forecast (in Million Tons), 2023-2028

Figure 20: Western and Central Europe: Polypropylene Copolymer Market (in Million Tons), 2017 & 2022

Figure 21: Western and Central Europe: Polypropylene Copolymer Market Forecast (in Million Tons), 2023-2028

Figure 22: Middle East and Africa: Polypropylene Copolymer Market (in Million Tons), 2017 & 2022

Figure 23: Middle East and Africa: Polypropylene Copolymer Market Forecast (in Million Tons), 2023-2028

Figure 24: Others: Polypropylene Copolymer Market (in Million Tons), 2017 & 2022

Figure 25: Others: Polypropylene Copolymer Market Forecast (in Million Tons), 2023-2028

Figure 26: Global: Polypropylene Copolymer (Rigid Packaging) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 27: Global: Polypropylene Copolymer (Rigid Packaging) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 28: Global: Polypropylene Copolymer (Textiles) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 29: Global: Polypropylene Copolymer (Textiles) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 30: Global: Polypropylene Copolymer (Technical Parts) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 31: Global: Polypropylene Copolymer (Technical Parts) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 32: Global: Polypropylene Copolymer (Films) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 33: Global: Polypropylene Copolymer (Films) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 34: Global: Polypropylene Copolymer (Consumer Products) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 35: Global: Polypropylene Copolymer (Consumer Products) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 36: Global: Polypropylene Copolymer (Others) Market: Volume Trends (in Million Tons), 2017 & 2022

Figure 37: Global: Polypropylene Copolymer (Others) Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 38: Polypropylene Copolymer Manufacturing: Detailed Process Flow

Figure 39: Polypropylene Copolymer Manufacturing: Conversion Rate of Feedstocks

Figure 40: Global: Propylene Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 41: Global: Propylene Market: Production Value Trends (in Million US\$), 2017-2022

Figure 42: Global: Propylene Market: Price Trends (in US\$/Ton), 2017-2022

Figure 43: Global: Propylene Market: Breakup by Region (in %), 2022

Figure 44: Global: Propylene Market: Breakup by End-Use (in %), 2022

Figure 45: Global: Propylene Market Forecast: Production Volume Trends (in Million

Tons), 2023-2028

Figure 46: Global: Propylene Market Forecast: Production Value Trends (in Million US\$), 2023-2028

Figure 47: Global: Ethylene Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 48: Global: Ethylene Market: Production Value Trends (in Million US\$), 2017-2022

Figure 49: Global: Ethylene Market: Price Trends (in US\$/Ton), 2017-2022

Figure 50: Global: Ethylene Market: Breakup by Region (in %), 2022

Figure 51: Global: Ethylene Market: Breakup by End-Use (in %), 2022

Figure 52: Global: Ethylene Market Forecast: Production Volume Trends (in Million Tons), 2023-2028

Figure 53: Global: Ethylene Market Forecast: Production Value Trends (in Million US\$), 2023-2028

I would like to order

Product name: Polypropylene Copolymer Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/P079F556520EN.html>

Price: US\$ 2,699.00 (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/P079F556520EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

