

Plastomer Market Report by Application (Film-based Food Packaging, Film-based Non-food Packaging, Stretch-film and Shrink-film Packaging, Automotive, Polymer Modification, Wires and Cables, Medical, and Others), Processing Method (Blow Film Extrusion, Cast Film Extrusion, Extrusion Coating, Injection Molding, and Others), and Region 2024-2032

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Abstracts

The global plastomer market size reached US\$ 4.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 7.7 Billion by 2032, exhibiting a growth rate (CAGR) of 6% during 2024-2032.

Plastomer refers to a specialized polymer that exhibits properties of both elastomers and plastics. It has rubber- and plastic-like elasticity and processability, clarity and gloss-finish. It provides improved impact performance, melt strength and processability when used by itself or with blends and compounds. Plastomers are commonly used in flexible packaging, non-stretch and shrink films, molded and extruded products, wires and cables and foaming products. In comparison to the mixed polymer solutions, they can be converted to mono-material solutions that are both cost-effective and environment-friendly. Owing to this, they find extensive applications across food and beverage, packaging, automotive, polymer modification, wires and cables, agriculture and medical industries.

The steadily increasing product demand from the food packaging industry is one of the key factors driving the growth of the market. Plastomers are majorly used as a sealing and melting polymer as they have low-density and aid in preserving the quality and freshness of the food products, thereby increasing their shelf life. Furthermore, the

widespread adoption of controlled elastomers in the production of medical and healthcare products is providing a boost to the market growth. Elastomers are used for manufacturing intravenous (IV) bags, continuous ambulatory peritoneal dialysis pouches, pharmaceutical ingredient bags and packaging for bioreactors. They exhibit high packaging integrity even at low temperatures and can avoid damage in case of accidental drops. Additionally, various product innovations and the utilization of elastomers to manufacture gaskets, seals, vibration dampening and impact absorption products, acoustical sound insulation systems, cushioning, seating and hydrophobic and hydrophilic foams, are also contributing to the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global elastomer market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on application and processing method.

Breakup by Application:

Film-based Food Packaging

Film-based Non-food Packaging

Stretch-film and Shrink-film Packaging

Automotive

Polymer Modification

Wires and Cables

Medical

Others

Breakup by Processing Method:

Blow Film Extrusion

Cast Film Extrusion

Extrusion Coating

Injection Molding

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Alpha Group, Borealis AG, Exxon Mobil Corporation, LG Chem Ltd., Mitsui Chemicals Inc., Saudi Basic Industries Corporation (SABIC), SK Group, Sumitomo Corporation, The DOW Chemical Company, etc.

Key Questions Answered in This Report

1. What was the size of the global plastomer market in 2023?
2. What is the expected growth rate of the global plastomer market during 2024-2032?
3. What has been the impact of COVID-19 on the global plastomer market?
4. What are the key factors driving the global plastomer market?

5. What is the breakup of the global plastomer market based on the application?
6. What are the key regions in the global plastomer market?
7. Who are the key players/companies in the global plastomer 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 Key Industry Trends

5 GLOBAL PLASTOMER MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY APPLICATION

- 6.1 Film-based Food Packaging
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Film-based Non-food Packaging
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Stretch-film and Shrink-film Packaging

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Automotive
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Polymer Modification
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Wires and Cables
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast
- 6.7 Medical
 - 6.7.1 Market Trends
 - 6.7.2 Market Forecast
- 6.8 Others
 - 6.8.1 Market Trends
 - 6.8.2 Market Forecast

7 MARKET BREAKUP BY PROCESSING METHOD

- 7.1 Blow Film Extrusion
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Cast Film Extrusion
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Extrusion Coating
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Injection Molding
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 North America

- 8.1.1 United States
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
- 8.1.2 Canada
 - 8.1.2.1 Market Trends
 - 8.1.2.2 Market Forecast
- 8.2 Asia Pacific
 - 8.2.1 China
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast
 - 8.2.2 Japan
 - 8.2.2.1 Market Trends
 - 8.2.2.2 Market Forecast
 - 8.2.3 India
 - 8.2.3.1 Market Trends
 - 8.2.3.2 Market Forecast
 - 8.2.4 South Korea
 - 8.2.4.1 Market Trends
 - 8.2.4.2 Market Forecast
 - 8.2.5 Australia
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
 - 8.2.6 Indonesia
 - 8.2.6.1 Market Trends
 - 8.2.6.2 Market Forecast
 - 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy

- 8.3.4.1 Market Trends
- 8.3.4.2 Market Forecast
- 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
- 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
- 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
 - 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Breakup by Country
 - 8.5.3 Market Forecast

9 SWOT ANALYSIS

- 9.1 Overview
- 9.2 Strengths
- 9.3 Weaknesses
- 9.4 Opportunities
- 9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

- 11.1 Overview

- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
 - 13.3.1 Alpha Group
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.2 Borealis AG
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.2.4 SWOT Analysis
 - 13.3.3 Exxon Mobil Corporation
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
 - 13.3.3.4 SWOT Analysis
 - 13.3.4 LG Chem Ltd.
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.4.3 Financials
 - 13.3.4.4 SWOT Analysis
 - 13.3.5 Mitsui Chemicals Inc.
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 Financials
 - 13.3.5.4 SWOT Analysis
 - 13.3.6 Saudi Basic Industries Corporation (SABIC)
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio

- 13.3.6.3 Financials
- 13.3.6.4 SWOT Analysis
- 13.3.7 SK Group
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
- 13.3.8 Sumitomo Corporation
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
 - 13.3.8.3 Financials
 - 13.3.8.4 SWOT Analysis
- 13.3.9 The DOW Chemical Company
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Plastomer Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Plastomer Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 3: Global: Plastomer Market Forecast: Breakup by Processing Method (in Million US\$), 2024-2032

Table 4: Global: Plastomer Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Global: Plastomer Market: Competitive Structure

Table 6: Global: Plastomer Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Plastomer Market: Major Drivers and Challenges
- Figure 2: Global: Plastomer Market: Sales Value (in Billion US\$), 2018-2023
- Figure 3: Global: Plastomer Market: Breakup by Application (in %), 2023
- Figure 4: Global: Plastomer Market: Breakup by Processing Method (in %), 2023
- Figure 5: Global: Plastomer Market: Breakup by Region (in %), 2023
- Figure 6: Global: Plastomer Market Forecast: Sales Value (in Billion US\$), 2024-2032
- Figure 7: Global: Plastomer (Film-based Food Packaging) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 8: Global: Plastomer (Film-based Food Packaging) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 9: Global: Plastomer (Film-based Non-food Packaging) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 10: Global: Plastomer (Film-based Non-food Packaging) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 11: Global: Plastomer (Stretch-film and Shrink-film Packaging) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 12: Global: Plastomer (Stretch-film and Shrink-film Packaging) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 13: Global: Plastomer (Automotive) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 14: Global: Plastomer (Automotive) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 15: Global: Plastomer (Polymer Modification) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 16: Global: Plastomer (Polymer Modification) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 17: Global: Plastomer (Wires and Cables) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 18: Global: Plastomer (Wires and Cables) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 19: Global: Plastomer (Medical) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 20: Global: Plastomer (Medical) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 21: Global: Plastomer (Others) Market: Sales Value (in Million US\$), 2018 &

2023

Figure 22: Global: Plastomer (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Plastomer (Blow Film Extrusion) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Plastomer (Blow Film Extrusion) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Plastomer (Cast Film Extrusion) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Plastomer (Cast Film Extrusion) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Plastomer (Extrusion Coating) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Plastomer (Extrusion Coating) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Plastomer (Injection Molding) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Plastomer (Injection Molding) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Plastomer (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Plastomer (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: North America: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: North America: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: United States: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: United States: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Canada: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Canada: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Asia Pacific: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Asia Pacific: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: China: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: China: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Japan: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Japan: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: India: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: India: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: South Korea: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: South Korea: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 49: Australia: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Australia: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 51: Indonesia: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Indonesia: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 53: Others: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Others: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Europe: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Europe: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Germany: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Germany: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 59: France: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: France: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: United Kingdom: Plastomer Market: Sales Value (in Million US\$), 2018 &
2023

Figure 62: United Kingdom: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 63: Italy: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Italy: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Spain: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Spain: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Russia: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Russia: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Others: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Others: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Latin America: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Latin America: Plastomer Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 73: Brazil: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Brazil: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Mexico: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Mexico: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Others: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Others: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Middle East and Africa: Plastomer Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Middle East and Africa: Plastomer Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Global: Plastomer Industry: SWOT Analysis

Figure 82: Global: Plastomer Industry: Value Chain Analysis

Figure 83: Global: Plastomer Industry: Porter's Five Forces Analysis

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