

Injection Molding: Global Markets and Technologies

Market Research Report | 2024-07-24 | 140 pages | BCC Research

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Report description:

Description

Report Scope:

This report presents a detailed qualitative as well as quantitative analysis of thermoplastics within the injection molding market. The market estimates and forecasts are prepared based on the revenue generated from plastics sales to the injection molding industry. In addition, qualitative analyses of the market scenario for injection molding companies are also provided where necessary for clarity.

The study considers 2023 as the base year; forecasts are provided for revenue from 2024 to 2029 (\$ million). The market study is further sub-segmented as below -

- Type: Polypropylene (PP), Acrylonitrile Butadiene Styrene (ABS), Polyethylene (PE), and Others.
- End-User: Packaging, Construction, Medical Devices, Transportation, and Others.
- Region: North America, Asia-Pacific, Europe, and the Rest of the World (RoW).

Report Includes:

- 47 data tables and 47 additional tables
- Analysis of the global markets for injection molding of thermoplastic materials
- Analyses of global market trends, with market revenue data from 2023, estimates for 2024, forecasts for 2028, and projected CAGRs through 2029
- Estimates of the current market size and revenue prospects, along with a market share analysis based on polymer type, end-user and region
- Facts and figures pertaining to the market dynamics, technology trends, regulations, and future prospects for the major types of thermoplastic resins used to produce molded products

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- Review of the industry supply chain, using the Porter's Five Forces model, PESTLE and SWOT analyses to analyze the prevailing micro- and macro environmental factors
- Overview of sustainability trends and ESG developments in the industry, with a focus on consumer attitudes, companies' ESG score rankings and their ESG practices
- A look at recent patents
- An analysis of the industry structure, including companies' market shares, alliances, M&A activity and venture funding outlook
- Profiles of the major global players, including BASF SE, SABIC, Exxon Mobil Corp., LG Chem and LyondellBasell Industries Holdings B.V.

Executive Summary

Summary:

The global plastic injection molding industry has become an essential element in modern manufacturing and finds broad applications across a diverse set of industries. The versatility of this process has enabled widespread applications across packaging, automotive, aerospace, consumer goods, medical devices and other industries. The technology is widely popular due to its ability to create intricate parts with high precision.

In addition, the versatility and flexibility of plastics have further heightened the demand in plastic injection molding market. Thermoplastics are suitable injection molding resins, as they can be conveniently molded and softened on getting heated. They also harden to their original strength after cooling. Due to their molecular composition, these resins can be easily softened multiple times upon exposure to heat, thus making them recyclable and reusable.

Like other industries, the plastic injection molding industry is also constantly evolving and driven by technological advancements, environmental concerns and changing consumer preferences. The industry is also undergoing a significant transition towards sustainable practices to reduce the ecological impact of the process. The adoption of bioplastics and biodegradable plastics is also expected to expand in the near future, led by growing concerns about plastic pollution and its associated health risks.

A major surge in demand from key end-user industries such as packaging, transportation, medical devices and construction has played a key role in driving the overall demand for plastic injection molding. The ability of injection molding to develop both standard and custom-made parts with high precision in lesser lead time has enabled its widespread application across these industries.

Table of Contents:

- Table of Contents
- Chapter 1 Executive Summary
- Market Outlook
- Scope of Report
- Market Summary
- Chapter 2 Market Overview
- Market Definition
- Background
- Process
- Key Factors Impacting the Injection Molding Process
- Benefits of Injection Molding Over Other Manufacturing Techniques
- Porter's Five Forces Analysis
- Bargaining Power of Buyers

Bargaining Power of Suppliers
Potential for New Entrants to the Market
Threat of Substitutes
Competition in the Industry
Supply Chain Analysis
Raw Materials and Equipment Suppliers
Injection Molders
Distribution and Warehousing
OEMs and End Users
PESTLE Analysis
SWOT Analysis
Chapter 3 Market Dynamics
Market Dynamics Snapshot
Market Drivers
Developing Countries Acting as a Key Growth Contributors
Growing Adoption of Circularity and Sustainability in Injection Molding
The Popularizing Trend of Lightweight Across Key End-User Industries
Technological Advancements in the Injection Molding Process
Market Challenges
Environmental Concerns Associated with Plastic Injection Molding
Global Supply Chain Disruptions and Geopolitical Tensions
Lack of Skilled Labor
Market Restraints
Challenges in the Plastic Injection Molding Process
Market Opportunities
Growing Prevalence of Custom Sustainable Injection Molding
Chapter 4 Emerging Technologies and Developments
An Overview of the Current Innovations in Plastic Injection Molding Technology
Key Innovations in Injection Molding Technology
Process Integration with 3D Printing
Injection Molding With Post-Consumer Resins (PCR)
Micro Injection Molding
Injection Molding Plastic Solar Cells
Direct Metal Laser Sintering (DMLS)
Innovative Plastic from Recycled Ocean Waste

Chapter 5 Market Segmentation Analysis
Segmental Breakdown
Market Analysis by Type
Polypropylene (PP)
Acrylonitrile Butadiene Styrene (ABS)
Polyethylene (PE)
Others
Market Breakdown by End User
Packaging
Construction
Medical Devices
Transportation

Others
Geographic Breakdown
Market Analysis by Region
Asia-Pacific (APAC)
North America
Europe
Rest of the World (RoW)

Chapter 6 Competitive Intelligence
Top Players
Latest Strategic Developments

Chapter 7 Sustainability in Plastic Injection Molding Market: ESG Perspective
Significance of ESG Goals in the Global Plastic Injection Molding Market
Key ESG Issues in the Market
ESG Ratings and Metrics
ESG Practices in the Market
Current Status of ESG in the Global Plastic Injection Molding Market
Conclusion

Chapter 8 Appendix
Methodology
Information Sources
Acronyms
References
Company Profiles

BASF SE
BERRY GLOBAL INC.
DAEWON
EXXON MOBIL CORP.
LG CHEM
LYONDELLBASELL INDUSTRIES HOLDINGS B.V.
MOLDBLADE
NOLATO AB
ROSTI GROUP AB
RUTLAND PLASTICS
SABIC
SULBRAS
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THE RODON GROUP

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