

US Injection Molded Plastics Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Material (Acrylonitrile Butadiene Styrene, Nylon, Polyethylene, Polypropylene, Polystyrene, Polycarbonate, Thermoplastic Polyurethane, and Others), and End Use [Residential Construction, Non-Residential Construction, Energy (Oil and Gas) and Mining, Retail Stores and Restaurants, Petrochemical and Chemical, Transportation Providers, Vehicle Aftermarket, HVAC, Vehicle Manufacturers, Consumer, Construction and Agricultural Equipment, Military, Aerospace, Food and Agriculture, Healthcare, and Others]

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Abstracts

US injection molded plastics market is expected to grow from US\$ 54.77 billion in 2023 to US\$ 77.59 billion by 2031. It is expected to grow at a CAGR of 4.5% from 2023 to 2031.

Molded plastics are produced by injection molding process. In the US injection molded plastics market, the concentration of end-users is high. It is used for manufacturing of wide range of products such as packaging, consumer goods, automotive, construction materials and aerospace, among others. The customer base for injection molded plastics is expected to broaden over the coming years. The injection molded plastics demand in the US has been steadily increasing owing to the growing construction

industry and surging infrastructure development. The construction industry strongly contributes to the US economy. Every year, US\$ 1.4 trillion worth of structures are built nationwide.

The market witnesses broad range of strategic market initiatives by key players. Injection molded plastics manufacturers engage in mergers & acquisitions, collaborations, and other strategic developments to expand their clientele and enhance their market position. For instance, in April 2023, France-based Clayens acquired Parkway Products, expanding into North America with eight US locations, serving various industries, including industrial, infrastructure, agriculture, aerospace, defense, transportation, and healthcare. The acquisitions were aimed to cater to the growing demand for injection molded plastics in the US and expand its geographical reach. To cite another instance, in July 2021, Revere Plastics Systems acquired Ferguson Production Inc., a McPherson, Kansas-based company. This acquisition expands Revere's North American manufacturing footprint from 8 to 9 locations.

A few of the players in the market are also expanding their manufacturing units to cater to the growing demand for injection molded plastics in various end-use industries. For instance, in February 2024, Mack Molding, a top custom plastic injection molder and contract manufacturing service provider, expanded its press fleet at its Cavendish facility, adding a 240-ton Milacron Electric Roboshot E240 press and a 125-ton Milacron Q110 Hybrid press to its total production capacity. The expansion was aimed to cater to the growing demand for injection molded plastics from various end-use industries. Thus, strategic initiatives by key players are expected to fuel the US injection molded plastics market growth during the forecast period.

Based on material, the US injection molded plastics market is segmented into acrylonitrile butadiene styrene, nylon, polyethylene, polypropylene, polystyrene, polycarbonate, thermoplastic polyurethane, and others. In 2023, polypropylene segment held a significant market share and acrylonitrile butadiene styrene segment is expected to be the fastest-growing segment during the forecast period. The demand for acrylonitrile butadiene styrene (ABS) material in the injection molded plastics market is experiencing growth due to its unique properties. ABS offers a balance of unique properties, including excellent impact resistance, rigidity, and heat resistance, making it suitable for a wide range of applications across industries such as automotive, electronics, and consumer goods. In addition, ABS is also known for its ease of processing, allowing for efficient and cost-effective manufacturing of complex parts with intricate designs.

Polyethylene (PE) is being increasingly used for the development of injection molded plastics, owing to its versatility, performance, and sustainability. Polyethylene is highly versatile, offering a broad range of grades with varying densities and properties, catering to diverse applications such as packaging, automotive, construction, and healthcare. Its lightweight nature, coupled with excellent chemical resistance and durability, makes it a preferred choice for packaging materials, automotive components, and consumer products. Polypropylene offers a unique combination of properties, including excellent chemical resistance, stiffness, and thermal stability, making it suitable for a diverse range of applications spanning the automotive, packaging, appliances, and healthcare sectors. Its lightweight nature and ability to withstand high temperatures make it an ideal choice for components requiring durability and reliability.

Wilbert Plastic Services Inc, Rodon Ltd, Texas Injection Molding LLC, Nicolet Plastics LLC, Britech Industries, Ironwood Plastics Inc, Jones Plastic & Engineering LLC, Hi-Tech Mold and Tool Inc, Valencia Plastics Inc, Abtec Inc, Mack Group Inc, Bemis Contract Group, Revere Plastics Systems LLC, Parkway Products LLC, Thomson Plastics Inc, and Baxter Enterprises LLC, are among the leading players in the US injection molded plastics market. These companies are adopting mergers & acquisitions and product launches to expand their geographic presence and consumer bases.

The overall US injection molded plastics market size has been derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain more analytical insights. Participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers-along with external consultants, including valuation experts, research analysts, and key opinion leaders-specializing in the US injection molded plastics market.

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