

2-Shot Injection Molding Market Revenue Trends, Company Profiles, Revenue Share Analysis, 2023–2032

2-Shot Injection Molding Market report also sheds light on the supply chains and the changes in the trends of upstream raw materials and downstream distributors

NEW YORK, NY, UNITED STATES, July 13, 2023 /EINPresswire.com/ -- The global market for 2-shot injection molding reached a value of USD 8.54 billion in

2022. It is projected to grow and reach USD 15.45 billion by 2032, with a compound annual growth rate (CAGR) of 6.8% during the forecast period. The main driver behind this growth is the increasing demand for complex and high-quality parts across various industries such as automotive, healthcare, and consumer products. The 2-shot injection molding technique enables the manufacturing of parts using multiple materials and colors with improved efficiency, precision, and shorter production cycles.

In the automotive sector, the use of 2-shot injection molding is expanding due to consumer preferences for lightweight and fuel-efficient vehicles. This technology allows the production of parts with enhanced performance, functionality, and aesthetics. Additionally, the growing demand for hybrid and electric vehicles is further driving market growth, as these vehicles require lightweight components that can be manufactured using 2-shot injection molding.

In the healthcare sector, there is a rising demand for medical equipment and devices that meet strict quality standards. The 2-shot injection molding process enables the production of medical components that are biocompatible, visually appealing, and cost-effective. The increasing prevalence of chronic diseases and the aging population are contributing factors to the expanding market for medical devices.

The consumer goods sector is also experiencing significant growth in the [2-shot injection molding market](#). Consumers are seeking products with improved aesthetics, functionality, and performance. Furthermore, the market is driven by the demand for high-quality, durable, and well-designed goods, influenced by rising disposable income and evolving lifestyle trends.



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To meet the demand for environmentally friendly products, manufacturers are developing 2-shot injection molding techniques that utilize sustainable materials and minimize waste. Additionally, the market is expanding due to the adoption of automation and digitalization in the manufacturing process, resulting in increased productivity, accuracy, and cost reduction.

Despite the positive outlook, there are challenges that may hinder market expansion. These include the high initial investment costs and a scarcity of skilled labor in emerging markets. Moreover, the COVID-19 pandemic has disrupted the global supply chain and led to fluctuations in raw material prices, which could have an impact on market growth.

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Competitive Landscape:

- Mold-Masters (a division of Milacron Holdings Corp.)
- Nissei Plastic Industrial Co., Ltd.
- Yizumi Precision Machinery Co., Ltd.
- KraussMaffei Group
- Husky Injection Molding Systems Ltd.
- Toshiba Machine Co., Ltd.
- DowDuPont Inc.
- Rochling Group
- CMC Machinery LLC
- Arburg GmbH + Co KG

Prominent Innovations in the 2-Shot Injection Molding Market

The 2-shot injection molding market has witnessed notable innovations that have further enhanced the capabilities and applications of this manufacturing technique. These innovations have contributed to the growth and advancement of the market. Here are some noteworthy innovations in the field:

1. **Advanced Material Combinations:** One significant innovation in 2-shot injection molding involves the use of advanced material combinations. Manufacturers are now able to combine different materials with varying properties, such as rigid and flexible materials, or materials with different colors or textures. This enables the production of parts with complex designs, enhanced functionality, and improved aesthetics.
2. **Overmolding Technology:** Overmolding is a key innovation in the 2-shot injection molding process. It involves molding one material over another to create a single, integrated part. This technique allows for the encapsulation of electronic components, the addition of soft-touch surfaces, or the creation of multi-material products with different properties. Overmolding expands the possibilities for product design and improves the overall quality and durability of

the manufactured parts.

3. **Insert Molding:** Insert molding is another significant innovation in 2-shot injection molding. It involves inserting pre-formed components, such as metal inserts or pre-molded plastic parts, into the mold before injecting the second material. This technique enables the creation of parts with added strength, improved functionality, and reduced assembly requirements. It also allows for the integration of multiple components into a single part, reducing manufacturing complexity and costs.

4. **In-Mold Assembly:** In-mold assembly is an innovative approach where multiple components are assembled within the mold during the injection molding process. This eliminates the need for separate assembly steps and reduces post-molding operations. In-mold assembly not only improves production efficiency but also enhances product reliability by ensuring precise component alignment and eliminating potential assembly errors.

5. **Hybrid Molding:** Hybrid molding combines the advantages of 2-shot injection molding with other manufacturing processes, such as insert molding or overmolding. This innovative approach allows for even greater design flexibility, expanded material options, and enhanced part performance. Hybrid molding enables the creation of complex parts with multiple functionalities, improved structural integrity, and reduced overall production time.

These notable innovations in the 2-shot injection molding market have opened up new opportunities for manufacturers across various industries. By leveraging advanced material combinations, overmolding, insert molding, in-mold assembly, and hybrid molding, companies can achieve higher levels of design complexity, product functionality, and manufacturing efficiency. These innovations continue to drive the growth and advancement of the 2-shot injection molding market, offering innovative solutions to meet the evolving demands of diverse industries.

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Segments covered in the report:

Segments covered by Application Outlook, End-use Industry, Regional Outlook

By Material Type Outlook

- Thermoplastic Elastomers
- Thermoplastics
- Silicones
- Others

By End-Use Industry Outlook

- Automotive

- Consumer Goods
- Healthcare
- Electrical & Electronics
- Others

Regional Outlook

- North America (U.S.A., Canada, Mexico)
- Europe (Italy, U.K., Germany, France, Rest of Europe)
- Asia Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)
- Latin America (Chile, Brazil, Argentina, Peru, Rest of Latin America)
- Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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