

Ceramic Injection Molding Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global ceramic injection molding market size reached US\$ 433.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 651.0 Million by 2028, exhibiting a growth rate (CAGR) of 7.1% during 2023-2028.

Ceramic injection molding (CIM) refers to an advanced manufacturing technology in which custom ceramic parts are fabricated using the injection mold process. It is an economical solution for the production of complex ceramic parts. CIM offers numerous benefits, including wear and corrosion resistance, improved thermal and dimensional stability, high mechanical strength, etc. As a result, it is widely utilized across numerous industries, such as automotive, electronics, consumer goods, etc., to manufacture highly accurate ceramic components.

Ceramic Injection Molding Market Trends:

The increasing utilization of ceramic injection molding across the electronic and electrical industries on account of its complex designing abilities is primarily driving the growth of the global ceramic injection molding market. In addition to this, the escalating need for strong, durable, and custom-designed ceramic mold castings that can be used for a variety of applications, including endoscopic tools, prosthetic replacements, dental implants, etc., is also augmenting the product demand in the medical sector. CIM aid in modulating the roughness and surface quality of these medical components. Furthermore, advanced CIM-based products are recognized as a lightweight construction material, which makes it suitable for manufacturing automotive parts to improve overall vehicular efficiency and reduce carbon emissions. This, in turn, is acting as another significant growth-inducing factor. Apart from this, the shifting preferences of various product manufacturers from conventional molding procedures toward CIM

solutions for developing multi-functional components are further catalyzing the global market. CIM also aids in meeting the high technical standards and aesthetic requirements owing to its several benefits, including repeatability, automation, quick cycle time, and low risk of contamination. Additionally, numerous technological advancements, such as the integration of the Internet of Things (IoT) and information and communication technology (ICT) solutions, to improve manufacturing processes and overall product quality, are expected to drive the global ceramic injection molding market in the coming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global ceramic injection molding market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material and industry vertical.

Breakup by Material:

- Alumina
- Zirconia
- Others

Breakup by Industry Vertical:

- Industrial Machinery
- Automotive
- Healthcare
- Electrical and Electronics
- Consumer Goods
- 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 competitive landscape of the industry has also been examined along with the profiles of the key players being Akron Porcelain & Plastics Co., AMT Pte. Ltd., Ceramco Inc., CoorsTek Inc., INDO-MIM Pvt. Ltd., KI?ger Spritzguss GmbH & Co. KG, MICRO Manufacturing Solutions For Life, Morgan Advanced Materials, Nishimura Advanced Ceramics Co. Ltd., Ortech Advanced Ceramics and Paul Rauschert GmbH & Co. KG.

Key Questions Answered in This Report

1. What was the size of the global ceramic injection molding market in 2022?
2. We expect the global ceramic injection molding market to exhibit a CAGR of 7.1% during 2023-2028?
3. What are the key factors driving the global ceramic injection molding market?
4. What has been the impact of COVID-19 on the global ceramic injection molding market?
5. What is the breakup of the global ceramic injection molding market based on the material?
6. What is the breakup of the global ceramic injection molding market based on the industry vertical?
7. What are the key regions in the global ceramic injection molding market?

8. Who are the key players/companies in the global ceramic injection molding market?

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