

Investment Casting Market Report 2022-2027, Industry Share, Size, Growth Analysis, Forecast

SHERIDAN, WY, UNITED STATES, July 27, 2022 /EINPresswire.com/ -- According to the latest report by IMARC Group, titled "Investment Casting Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027" The global [investment casting market size](#) reached a US\$ 15.3 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 19.4 Billion by 2027, exhibiting a CAGR of 3.78% during 2022-2027.



Investment Casting Market

Investment casting refers to the manufacturing process that is generally adopted for providing shape to a disposable ceramic mold. It involves multiple steps, including the production of wax-injection tools and wax patterns, assembling wax patterns, manufacturing of investment shell, dewax and pre-heating the mold and pouring and cleaning the castings. It is used for the manufacturing of complex-shaped products, such as sonar and radars, robots, electronic housings, heavy armament components, armored vehicles and missile systems. It is widely preferred across industrial sectors since it produces less material waste, provides smooth surface finishing, eliminates machining and multi-part assembly, and offers flexibility of design and sizes in a cost-efficient manner.

As the novel coronavirus (COVID-19) crisis takes over the world, we are continuously tracking the changes in the markets, as well as the industry behaviours of the consumers globally and our estimates about the latest market trends and forecasts are being done after considering the impact of this pandemic.

Investment Casting Market Trends:

The global market is primarily driven by the augmenting demand for advanced military equipment. This can be attributed to the growing incidences of geopolitical conflicts and border threats across multiple countries. In line with this, rising investments and funding activities to

upgrade the existing defense infrastructure is providing a boost to the demand for investment casting. Moreover, the widespread deployment of the method in the manufacturing of helicopters, aircraft and jets across the aerospace industry is further propelling the market growth. Additionally, the increasing environmental concerns among the masses have encouraged numerous leading players to utilize the investment casting process as an alternative to the traditional casting method, which, in turn, is catalyzing their demand on the global level. Besides this, continual technological advancements, including the adoption of three-dimensional (3D) printing during the investment casting process, are favorably impacting the growth of the market. Other factors, including rapid industrialization and extensive research and development (R&D) activities conducted by key players, are also positively influencing the market.

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Investment Casting Market 2022-2027 Analysis and Segmentation:

Competitive Landscape:

The competitive landscape of the market has been studied in the report with the detailed profiles of the key players operating in the market.

Alcoa Corporation, CIREX bv (Signicast Corporation), Dongfeng Metal Products Co. Ltd., Dongying Giaying Precision Metal Co. Ltd., Impro, MetalTek, Milwaukee Precision Casting, Ningbo Jiwei Melt Mould Castings Co. Ltd., Ningbo Wanguan, Precision Castparts Corporation, RLM Industries, Taizhou Xinyu Precision Casting Co. Ltd. and Zollern.

The report has segmented the market on the basis on region, process type, material and application.

Breakup by Process Type:

Sodium Silicate Process

Tetraethyl Orthosilicate (Silica Sol Process)

Breakup by Material:

Superalloys

Steel

Aluminum

Titanium

Others

Breakup by Application:

Automotive
Aerospace & Military
Oil and Gas
Energy
Medical
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

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Key highlights of the report:

Market Performance (2016-2021)
Market Outlook (2022-2027)
Porter's Five Forces Analysis
Market Drivers and Success Factors
SWOT Analysis
Value Chain

Comprehensive mapping of the competitive landscape

If you need specific information that is not currently within the scope of the report, we will provide it to you as a part of the customization.

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IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

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