

Ceramic Foams Market 2028 Outlook and Forecasts in Global Research Reports

Increasing application of ceramic foams in filters in metal casting industry is a key factor driving market revenue growth

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The global [ceramic foams market](#) size is expected to reach USD 620.35 Million in 2028 and register a CAGR of 5.3% in terms of revenue over the forecast

period, according to the latest report by Reports and Data. Rapid technological advancements and increasing application of ceramic foams as filters in metal casting industry, rising preference for thermally insulated and soundproof residential and commercial infrastructure, and increasing usage of ceramic foams in controlling environmental pollution are some major factors driving market revenue growth. Ceramic foam is hardened foam material that is produced from different types of oxidized or non-oxidized ceramics, such as titanium oxide, silicon carbide, and aluminum oxide.

Ceramic foams are commonly used in different industrial applications such as molten metal filtration, thermal & acoustic insulation, and automotive exhaust filters. Molten metal filtration segment accounted for largest revenue share in the global market in 2020. This can be attributed to rapidly increasing demand for ceramic foams for applications in molten metal filtration processes for iron, aluminum, and steel. Asia Pacific is expected to register a relatively faster revenue CAGR over the forecast period. This can be attributed to increasing industrialization, rising disposable income, and growing consumption of consumer devices.

Some major players in the market include Ultramet, Vesuvius Plc, SELEE Corporation, ERG Aerospace Corp, Saint-Gobain High-Performance Refractories, Pyrotek, Inducermics, Drache GmbH, Pingxiang Yingchao Chemical Packing Co Ltd., and Baoding Ningxin New Material Co.

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Some Key Highlights From the Report:



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In July 2021, University of Alabama announced the development of a new composite foam material. It consists of hafnium carbide and silicon carbide and will be used to absorb engine combustion sounds.

Silicon carbide segment accounted for largest revenue share in the global market in 2020. This can be attributed to increasing demand for silicon carbide in iron casting applications due to various advantages such as high strength, high thermal shock resistance, excellent wear resistance, high chemical resistance, and low thermal expansion.

North America accounted for the significant revenue share in global market in 2020. Increasing application of insulation materials, and rising demand for automotive are the major factors driving revenue growth of the market in the region.

For the purpose of this report, Reports and Data has segmented the ceramic foams market based on type, application, end-use, and region:

Type Outlook (Revenue, USD Million; 2018-2028)

- Silicon Carbide
- Aluminum Oxide
- Zirconium Oxide
- Others

Application Outlook (Revenue, USD Million; 2018-2028)

- Molten Metal Filtration
- Thermal & Acoustic Insulation
- Automotive exhaust Filters

End-Use Outlook (Revenue, USD Million; 2018-2028)

- Foundry
- Chemical Synthesis & Pollution Control
- Building & Construction
- Automotive
- Others

Regional Outlook (Revenue, USD Million; 2018-2028)

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - Germany
 - U.K.
 - France
 - Italy

Spain
Sweden
BENELUX
Rest of Europe
Asia Pacific
China
India
Japan
South Korea
Rest of APAC
Latin America
Brazil
Rest of LATAM
Middle East & Africa
Saudi Arabia
U.A.E.
South Africa
Israel
Rest of MEA

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Key questions answered in the report:

- Who are the global key players in this ceramic foams market?
- What's their company profile, product information, contact information?
- What was the global market status of the market?
- What was the capacity, production value, cost, and profit of the market?
- What are projections of the global industry considering capacity, production, and production value?
- What will be the estimation of cost and profit?
- What will be market share, supply, and consumption?
- What is market chain analysis by upstream raw materials and downstream industry?
- What are the market dynamics of the market?
- What are the challenges and opportunities?
- What should be entry strategies, countermeasures to economic impact, marketing channels for the industry?

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