

Global Zirconium Silicate Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, 2015-2035

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Abstracts

The global Zirconium Silicate market has expanded to reach approximately 1000 thousand tonnes in 2021 and is expected to grow at a healthy CAGR of 4.84% during the forecast period until 2035.

Zirconium silicate is a chemical compound with the chemical formula $ZrSiO_4$. This compound naturally occurs in the form of zircon. Refractory materials are synthesized from zirconium silicate, which is employed in applications where resistance to corrosion by alkali materials is required. Zirconium Silicate displays properties like resistance to alkali, water, acids, and chemical that drives its applications in the ceramic market. The primary market driving factor of Zirconium Silicate is for producing ceramics and giving them shiny glaze and superior durability. Ceramics are used in traditional applications like tiles, toilet seats, floors, and roofs in advanced engineering applications. The applications of ceramics are anticipated to rise and expand in the future, likely to swell the demand for Zirconium Silicate in the forecast period of 2035.

Moreover, using Zirconium Silicate in refractory products gives them high durability, resistance to corrosion, and thermal stability. Refractory products are employed in furnaces and reactors to manufacture crucibles for casting metals and flame-detecting systems of rockets. Thus, the refractory industry is another leading fragment that further contributes to the demand for Zirconium silicate. The global Zirconium Silicate market will most likely reach 2000 thousand tonnes by 2035.

Based on region, North America is dominating the Zirconium Silicate market, followed

by Europe and Asia Pacific region. In 2021, North America accounted for consumption of approximately 30% of the market. However, the rise in construction activities in the Asia Pacific region will create an ample demand for the ceramics and chemical sector, anticipated to propel the demand for Zirconium Silicate in the forecast period. Moreover, the giant producers of Zirconium are located in the Asia Pacific region. Australia is leading in terms of producing Zirconium Silicate. The largest source of zircon in the world is in Queensland, Australia. The source is the deposits on Queensland's North Stradbroke Island, with an abundance of heavy mineral soils. However, in the future, due to a decrease in the volume of these sands, the output is anticipated to fall.

Based on the end-user industry, the global Zirconium Silicate market is segregated into Ceramic Industry, Chemicals, Foundry, Refractories, and Others. Among these, the Ceramic Industry dominates the Zirconium Silicate market, accounting for nearly 40% of global consumption in 2021. This industry is anticipated to maintain its position owing to its heavy usage in the construction of public infrastructure and domestic households. Moreover, Refractories is the second largest consumer of the zirconium silicate market.

Major players in the production of Global Zirconium Silicate are Iluka Resources Limited, Tronox Ltd, Sheffield Resources Ltd, Mineral Deposits Ltd, Mineral commodities Ltd, World Titanium Resources Ltd (WTR), Kenmare Resources plc, Iluka Resources Limited, India Rare Earth Limited., V.V Minerals., and MZI resources Ltd.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2035

Objective of the Study:

To assess the demand-supply scenario of Zirconium Silicate which covers production, demand and supply of Zirconium Silicate market

in the globe.

To analyse and forecast the market size of Zirconium Silicate

To classify and forecast Global Zirconium Silicate market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Zirconium Silicate market in the globe.

To extract data for Global Zirconium Silicate market, primary research surveys were conducted with Zirconium Silicate manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Zirconium Silicate market over the coming years.

ChemAnalyst calculated Zirconium Silicate demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical extraction and supply and demand of Zirconium Silicate across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Zirconium Silicate manufacturers and other stakeholders

Organizations, forums and alliances related to Zirconium Silicate distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Zirconium Silicate manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Zirconium Silicate market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Ceramic Industry, Chemicals, Foundry, Refractories, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Zirconium Silicate.

2. CAPACITY BY LOCATION

To better understand the regional supply of Zirconium Silicate by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of Zirconium Silicate by the leading players and forecast how it will grow in the coming years.

4. DEMAND BY END- USE

Discover which end-user industry (Ceramic Industry, Chemicals, Foundry, Refractories, and Others) are creating a market and the forecast for the growth of the Zirconium Silicate market.

5. DEMAND BY REGION

Analyzing the change in demand of Zirconium Silicate in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Zirconium Silicate. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

7. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or

deficiency of Zirconium Silicate.

8. COMPANY SHARE

Figure out what proportion of the market share of Zirconium Silicate is currently held by leading players across the globe.

9. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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