

Global Calcium Carbonate Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, 2015-2035

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Abstracts

The global Calcium Carbonate market has reached around 8700 thousand tonnes in 2021 and is expected to grow at a CAGR of 4.49% during the forecast period until 2035. Currently, Belgium is the highest exporter of Calcium Carbonate. Minerals Technologies Inc. holds the highest capacity and exclusively operates in more than 15 countries namely China, India, US, and others.

Calcium Carbonate generally exists in rocks as the mineral calcite and aragonite. For industrial purposes, calcium carbonate is obtained from mining or quarrying. It can also be synthesized by combining carbon dioxide with a calcium hydroxide solution. Calcium Carbonate is an odorless white powder which is non-toxic in nature. Calcium carbonate can be generally seen in the form of chalk in classrooms. Calcium carbonate is essential to the construction sector. It is employed as a component of cement and as a standalone building material. It helps to manufacture mortar that holds together tiles, rubber products, roofing tiles, concrete slabs, and stones. Calcium Carbonate is employed as a filler in paints and pigments. Furthermore, it provides paper that vivid and bright look while providing smoothness to paper sheets. Other applications of calcium carbonate include paints, pigments, baking powder, wine, dough, plastics, adhesives, sealants, and more.

Due to its paper-brightening, light scattering, and ink retaining properties, the demand of Calcium Carbonate is majorly consumed by the Paper and Pulp industry which is driving the Calcium Carbonate demand on a global level. The demand for paper in other sectors, such as packaging and tissue paper is driving the Calcium Carbonate market

on a global level. Calcium carbonate is used in the construction industry as a filler in concrete to improve its toughness and texture and to refine metals for use in building applications which further swells up the Calcium Carbonate demand. In 2021, this industry consumed approximately 53% of the market. Calcium Carbonate consumption is expected to reach around 16150 thousand tonnes by 2035.

The region of Asia Pacific demands the most significant volume of Calcium Carbonate. In the coming years, the expenditure on infrastructure development calls for Calcium Carbonate as a raw material. Additionally, it is projected that demand for paints, coatings, and automobiles would rise, which will eventually result in higher calcium carbonate consumption. Although, the highest volume globally is exported by Belgium, a European Country.

Based on the end-user industry, the Calcium Carbonate market is segmented into sectors like Paper and Pulp, Paints & Coatings, Construction, Plastic, and others. However, the Paper and Pulp Industry is the biggest end-user market of Calcium Carbonate. The paper pulp employs calcium carbonate as a filler, which is also used as a coating pigment. Its addition improves the paper's brightness and opacity. It has been observed that there was an overall slide dip of around 4% in the year 2020 in the consumption of Calcium Carbonate due to the Covid-19 pandemic.

Significant companies for Global Calcium Carbonate are Minerals Technologies Inc., United States Lime & Minerals, Inc., Omya, Imerys S.A., Saudi Carbonate Co. Ltd., Manaseer Group. and Others.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2035

The objective of the Study:

To assess the demand-supply scenario of

Calcium Carbonate, which covers the production, demand, and supply of Calcium Carbonate around the globe.

To analyze and forecast the market size of Calcium Carbonate.

To classify and forecast the Global Calcium Carbonate market based on end-use and regional distribution.

To examine global competitive developments such as new capacity expansions, mergers & acquisitions, etc., for the Calcium Carbonate market.

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

ChemAnalyst calculated Calcium Carbonate demand around the globe by analyzing the historical data and demand forecast, which was carried out considering the production of raw materials to produce Calcium Carbonate. ChemAnalyst sourced these values from industry experts and company representatives and externally validated them by analyzing the 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:

Calcium Carbonate manufacturers and other stakeholders

Organizations, forums, and alliances related to Calcium Carbonate 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 Calcium Carbonate manufacturers, customers, and policy makers. The study would also help them to target the growing segments over the coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

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

Market, by End-use: Paper and Pulp, Paints & Coatings, Construction, Plastic, 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 Calcium Carbonate.

2. CAPACITY BY LOCATION

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

3. PRODUCTION BY COMPANY

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

4. DEMAND BY END- USE

Discover which end-user industry (Paper and Pulp, Paints & Coatings, Construction, Plastic, and others) are creating a market and the forecast for the growth of the Calcium Carbonate market.

5. DEMAND BY REGION

Analyzing the change in demand of Calcium Carbonate 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 Calcium Carbonate. 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 Calcium Carbonate.

8. COMPANY SHARE

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

9. COUNTRY-WISE EXPORT

Get details about quantity of Calcium Carbonate exported by major countries.

10. COUNTRY-WISE IMPORT

Get details about quantity of Calcium Carbonate imported by major countries.

11. 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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