

North America Calcium Carbonate Market Report and Forecast 2025-2034

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Report description:

The North America calcium carbonate market reached USD 13.50 Billion in 2024. The market is expected to grow at a CAGR of 5.60% between 2025 and 2034, reaching almost USD 23.28 Billion by 2034.

North America Calcium Carbonate Market Growth

The increase in domestically produced industrial minerals signals a rising demand, thereby bolstering the North America calcium carbonate market, This surge is further supported by the construction sector's substantial spending, reaching \$2,091.5 billion in February 2024, indicating a rise in the utilization of calcium carbonate in construction materials.

Increased spending in relevant industries such as the pharmaceutical industry in the United States is highly likely to drive demand for calcium carbonate in pharmaceutical formulations. Rising consumer awareness of sustainability is another growth factor, with calcium carbonate being preferred in eco-friendly products across various industries, promising further market expansion.

INDUSTRIAL MINERALS ANNUAL PRODUCTION, 2018-2022

As per the data shared by the United States Geological Survey (USGS), there was a growth in the value of industrial mineral production in the year 2022. A growth of roughly 10% as opposed to the year 2021, which saw the production of \$58 billion worth of industrial minerals which may be driven by North America calcium carbonate market growth.

Key Trends and Developments

The North America calcium carbonate market growth is driven by commercial and residential construction projects, growth in domestically produced industrial minerals and the growth of several corollary industries that surge the demand for calcium carbonate as a commodity.

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September 2023

Given the population growth in the south, Lhoist North America added lime production capacity in Texas to handle the increased demand for its calcium-based products.

August 2023

German multinational building materials company Heidelberg Materials' cement plant in British Columbia switched to exclusively producing limestone cement.

June 2023

SCR-Sibelco NV completed a \$13 million investment in Avalon Advanced Materials Inc., a Canadian mineral development company, in a move to establish a joint venture in Ontario, Canada

June 2022

Omya AG, a worldwide distributor of speciality ingredients and a leading global producer of industrial minerals, acquired assets of MK Minerals, a privately held American company.

Growth in mining activity

Increased activity in the mining and quarrying industry in North America is likely to prompt growth in the North America calcium carbonate market.

Increasing demand in end use industries

Growth in the domestic market will come from an increasing demand in industries such as paper, plastics, paints and coatings, adhesives and sealants, and construction.

Rising environmental concerns

Rising concerns among individuals regarding the environment are likely increase the usage of calcium carbonate as an alternative product which may help with growth.

Market Consolidation and Strategic Alliances

North America calcium carbonate market growth will come from companies merging to deal with increasing demand and scaling the domestic market.

North America Calcium Carbonate Market Trends

As per the North America calcium carbonate market analysis, calcium carbonate products find application in construction activities, paper and pulp production and the pharmaceutical industry among other relevant industries.

Calcium carbonate plays an important role as a building material in marble and various types of cement. It is used in antacids and tablets as a calcium supplement and is used in the manufacturing of paints, papers, plastics, adhesives, and sealants among

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many other different types of products in different industries.

North America Calcium Carbonate Industry Segmentation

North America Calcium Carbonate Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments:

Market Breakup by Type:

- Ground Calcium Carbonate
- Precipitated Calcium Carbonate

Market Breakup by Application:

- Dietary Supplement
- Raw Substance for Construction Material
- Filler and Pigment
- Additives for Thermoplastics
- Neutralising Agent in Soil
- Component of Adhesives
- Desulphurisation of Fuel Gas
- Others

Market Breakup by End Use:

- Paper
- Adhesives and Sealants
- Paints and Coatings
- Plastics
- Construction
- Pharmaceuticals
- Agriculture
- Automotive
- Others

Market Breakup by Region:

- United States
- Canada

North America Calcium Carbonate Market Share

Growth in the North America calcium carbonate market is led by ground calcium carbonate. It is derived from natural deposits, and is favoured for its cost-effectiveness and adaptability across various industries.

Ground Calcium Carbonate is mined and processed from limestone or marble deposits and is primarily used as a filler and coating pigment in various industries such as paper, plastics, paints, and coatings.

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Precipitated Calcium Carbonate is synthetically produced through a chemical process. It has a smaller particle size and higher purity and is widely used as a functional additive in rubber, plastics, adhesives, and sealants.

The North America calcium carbonate market is leading in dietary supplements, where it is used in the form of tablets, powders and liquid supplements which help increase bone health, muscle function and cardiovascular health.

In dietary supplements, limestone plays a crucial role, providing essential calcium carbonate for enhancing bone health and overall nutrition, thereby promoting strong bones and teeth.

Within construction, limestone stands as a pivotal raw material, supplying calcium carbonate for cement, concrete, and various other construction materials. Its contribution is integral to ensuring the structural integrity of buildings and the longevity of infrastructure projects.

North America calcium carbonate market growth is led by the end use of calcium carbonate in the production of paper and pulp, it helps with brightness and opacity of the paper.

In the production of paper, calcium carbonate serves as a filler and coating pigment, enhancing opacity, brightness, and printability the consumption of calcium carbonate in the paper industry is substantial.

Calcium carbonate acts as a raw material in construction, supplying calcium for cement and concrete production. It ensures structural integrity and durability in infrastructure projects.

Leading Manufacturers in the North America Calcium Carbonate Market

Key players are propelling the North America calcium carbonate market by specialising in providing industrial-grade calcium carbonate.

Minerals Technologies Inc.

Minerals Technologies Inc. became independent in October 1992 through Pfizer's IPO spinoff, engaging in the development, production, and marketing of minerals and mineral-based products.

J.M. Huber Corporation

J.M. Huber Corporation, established in 1883 in New York by a German named Joseph Maria Huber, the company manufactures consumer and industrial products, operating across diverse sectors.

Omya AG

Omya AG, founded in 1884 by Gottfried Pluss-Staufer in Oftringen, Switzerland, started with glazier putty and now specialises in industrial minerals, primarily calcium carbonate and dolomite.

Imerys S.A.

Imerys S.A., formerly Imetal, originated in 1880 under the Rothschild family, consolidating their metals and mining interests, with a focus on industrial minerals. They specialise in the production of industrial minerals.

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Other North America calcium carbonate market key players are Mississippi Lime Company, Carmeuse Americas, Graymont Limited, United States Lime & Minerals, Inc., Greer Limestone Co., SCR-Sibelco NV, among others.

North America Calcium Carbonate Market by Region

The North American calcium carbonate industry is witnessing consistent expansion owing to its widespread applications across various related sectors. The surge in demand is driven by factors such as increased investment in the construction industry, which necessitates higher demand for products derived from calcium carbonate.

Growth in the North America calcium carbonate market is also driven by increased pharmaceutical spending and a demand surge in industrial minerals and other relevant sectors.

Based on geography, North America calcium carbonate market share is estimated to be led by Canada. Canada in February 2024 produced 125,121 tonnes of lime and shipped a total of 105,911 tonnes, as per Statistics Canada.

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