

United Kingdom Calcium Carbonate Market Report and Forecast 2025-2034

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Report description:

The United Kingdom calcium carbonate market was valued at USD 1.05 Billion in 2024. The industry is expected to grow at a CAGR of 7.40% during the forecast period of 2025-2034 to attain a valuation of USD 2.14 Billion by 2034.

United Kingdom Calcium Carbonate Market Growth

The United Kingdom calcium carbonate market has experienced significant growth, attributed to various factors. Firstly, the construction sector witnessed a substantial number of completed dwellings in 2023, indicating increased demand for construction materials, including calcium carbonate for cement and concrete production.

BUSINESS INVESTMENT IN MINERAL EXPLORATION IN THE UK, 2018-2024

The manufacturing of paper and paper products reached a noteworthy value in 2023, highlighting the continued reliance on calcium carbonate as a filler and coating pigment in the paper industry.

The surge in business investment in mineral exploration within the mining and quarrying industry suggests heightened activity in sourcing raw materials like limestone, a primary source of calcium carbonate. This indicates sustained growth in the demand for calcium carbonate across industries in the UK.

Key Trends and Developments

The United Kingdom calcium carbonate market is poised for growth which will be driven by growth in various industries, increased quarrying and mining, growing use of ground calcium carbonate and focus on sustainability.

April 2024

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Mick George Group, a leading construction company planned to create a huge calcium carbonate quarry, expected to extract 7-8 million tonnes over 20 years from the 82-hectare site near Peterborough.

November 2023

A new limestone quarry was granted permission for 20 years in Rutland, United Kingdom. It is expected to extract five million tonnes of limestone over the given period.

September 2023

Spark Sourcing, a sustainability solutions provider developed Gex, a bio-calcium carbonate sourced from eggshells which may replace plastic. GEX eggshell bio-calcium is patented in the UK among other countries.

May 2023

Lime and cement producers in the UK including Tarmac, Breedon, and Lhoist among other players joined forces in a move to reduce emissions by capturing CO2 and storing it offshore by 2030.

Growth in various industries

Growth in paper and pulp, plastics, paints and coatings, adhesives and sealants industry or the pharma industry may help the domestic market grow.

Increased quarrying and mining

An uptick in the mining industry as a response to rising demand for limestone is likely to prompt growth in the United Kingdom calcium carbonate market.

Growing use of Ground Calcium Carbonate

Derived from natural limestone deposits Ground Calcium Carbonate is a commonly used form of calcium carbonate. It is preferred for its high brightness and cost-effectiveness.

Focus on Sustainability

The increasing awareness regarding environmental issues puts a growing emphasis on □ sustainable sourcing and production practices in the calcium carbonate industry

United Kingdom Calcium Carbonate Market Trends

The United Kingdom calcium carbonate market report underscores the widespread use of calcium carbonate products in construction, paper and pulp, and pharmaceutical industries.

Calcium carbonate serves as a key building material in marble and cement and is essential in antacids and tablets as a calcium supplement. It also features prominently in the production of paints, papers, plastics, adhesives, and sealants across multiple industries.

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United Kingdom Calcium Carbonate Industry Segmentation

United Kingdom 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:

- England
- Wales
- Scotland
- Northern Ireland

United Kingdom Calcium Carbonate Share

The United Kingdom calcium carbonate market growth is led by the end use of calcium carbonate in the production of paper and pulp as it is increasingly being used as a filler material, replacing traditional options like wood pulp.

In paper production, calcium carbonate functions as both a filler and a coating pigment, improving opacity, brightness, and printability. With a growing focus on sustainability, producers are switching to calcium carbonate from wood pulp.

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In construction, calcium carbonate serves as a foundational raw material, providing essential calcium for cement and concrete production, thereby ensuring the durability and structural integrity of infrastructure projects.

The United Kingdom calcium carbonate market growth is led by ground calcium carbonate which is often times more cost effective and is derived from natural deposits.

Precipitated Calcium Carbonate is artificially generated through chemical processes, boasting smaller particle sizes and greater purity. It finds extensive application as a functional additive in rubber, plastics, adhesives, and sealants.

Ground Calcium Carbonate is extracted and processed from deposits of limestone or marble and serves primarily as a filler and coating pigment across diverse industries including paper, plastics, paints, and coatings.

The United Kingdom calcium carbonate market by application is divided into use cases in dietary supplements as tablets, powders and liquid supplements which help with bone health and muscle function.

In dietary supplements limestone is vital, providing essential calcium carbonate for increased bone health and overall nutrition, ensuring strong bones and teeth.

Limestone is a key raw material in construction, supplying calcium carbonate for cement, concrete, and other materials, crucial for the structural integrity of buildings and durability in infrastructure projects.

Leading Manufacturers in the United Kingdom calcium carbonate market

Key players are propelling the United Kingdom calcium carbonate market forward by specialising in providing premium calcium carbonate suitable for industrial usage.

Omya AG

Omya AG was founded in the year 1884 in Switzerland. First a producer of glaziers putty it now specialises in industrial minerals derived from calcium carbonate and dolomite.

Imerys S.A.

Imerys S.A. is a holding company formed in 1880, it is headquartered in Paris. It specialises in the production of industrial minerals. In the UK Imerys employs over 1,110 people at 30 operations.

Minerals Technologies Inc.

Minerals Technologies Inc. in October 1992 became an independent company when Pfizer spun off its speciality minerals businesses in an IPO. It develops, produces, and markets minerals and mineral-based products.

J.M. Huber Corporation

J.M. Huber Corporation was founded in New York by a German named Joseph Maria Huber in the year 1883. The corporation produces industrial products such as magnesium hydroxide, industrial and food calcium carbonate.

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Other United Kingdom calcium carbonate market key players are, Graymont Limited, Lhoist Group, Provencale SA, and SCR-Sibelco NV among others.

United Kingdom Calcium Carbonate Market Analysis by Region

The calcium carbonate industry in the United Kingdom is experiencing steady growth given growth in industries like the paper and paper products industry or the pharmaceutical industry. Increasing business investment in the United Kingdom Mining industry is also responsible for steady growth in the availability of limestones and calcium carbonate done in an anticipatory move to fulfil increasing domestic demand.

ANNUAL DWELLING CONSTRUCTION, 2018-2024

2018

2019

2020

2021

2022

2023

England

165,490

177,880

146,650

174,950

178,010

158,190

Wales

5,820

6,070

NA

NA

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NA

4,700

Scotland

20,160

22,780

15,700

21,150

23,690

20,990

Northern Ireland

7,640

7,420

6,420

7,420

6,840

5,380

Total

199,110

214,150

168,770

203,520

208,540

189,260

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The United Kingdom calcium carbonate market share, in terms of geographical distribution, is expected to be predominantly led by England. In terms of construction projects across the UK, England emerged as a frontrunner among the regions, with 158,190 construction projects completed by the end of 2023. Nationally, a total of 189,260 dwellings were constructed throughout the United Kingdom by the same period.

The consistent growth observed in the construction sector in the UK underscores the significance of calcium carbonate in construction materials within this industry. Additionally, calcium carbonate plays a pivotal role in various other sectors, such as pharmaceuticals and paper and paper products.

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