

Nano Calcium Carbonate Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Application (Plastics, Rubber, Building & Construction, Others), By Region and Competition

<https://marketpublishers.com/r/N5983394252FEN.html>

Date: July 2023

Pages: 115

Price: US\$ 4,900.00 (Single User License)

ID: N5983394252FEN

Abstracts

Global Nano Calcium Carbonate Market is anticipated to grow significantly through 2028 due to the increasing demand from the building & construction sector. In 2021, 34 million square meters of non-residential buildings were constructed nationwide in Russia.

Materials like plastics, rubber, adhesives, and sealants can all benefit from adding nano calcium carbonate to their composition. Nano calcium carbonate is added to materials to help them perform better in harsh temperature situations by increasing their hardness, heat resistance, weather resistance, toughness, and impact resistance. By incorporating nano-calcium carbonate into paints, it is possible to better regulate the cured material's rheological and essential mechanical characteristics. Along with this, expanding the usage of nano-calcium carbonate as additives in polymers and adhesives helps to lower the cost of volume formulation and improve the quality of the finished product, which is a key element in propelling market growth over the forecast period.

Increasing Demand from Building & Construction Industry

In the construction business, nano calcium carbonate is used in products like adhesives, sealants, paints, and others. They are often employed to enhance these materials' characteristics. Additionally, nano calcium carbonate contributes to enhancing the material's properties which help to sustain material during the harsh conditions of the environment like summer, winter, and rainy seasons.

By virtue of chemical and nucleation effects, the nanoparticles also aid in improving cement hydration. Nano calcium carbonate is also employed as a modifier in formulations including epoxy, polysulphide, and MS polymers and is crucial in the creation of adhesives and sealants.

For instance, according to the World Bank, in 2020 industrial sector (including construction) around the world had a 6% annual growth from the previous year.

Therefore, increasing demand from the building & construction sector will lead to the growth of the Global Nano Calcium Carbonate market in the upcoming years.

Government Plans or Policies Concerning Healthcare

Governments all around the world are concentrating on improving health facilities and assisting the needy through their programs or initiatives, as nano calcium carbonates are utilized in the production of medicines. Nano calcium carbonate, which is extremely pure, is a component of many calcium formulations, including tablets and syrups. Since it can neutralize acids and is added to low-pH active medicinal compounds, it also functions as an antacid chemical.

For instance, in September 2018, the Ayushman Bharat Yojana in India aimed at providing healthcare (through Health and Wellness Centers) and health insurance facilities (through Pradhan Mantri Jan Arogya Yojana) to the poor at all healthcare levels- primary, secondary, and tertiary.

Therefore, the increase in health facilities increases the demand for Global Nano Calcium Carbonate market during the projected period.

Growing Demand from Rubber Industry

Acrylonitrile-butadiene rubber, chloroprene rubber, and styrene-butadiene rubber (SBR) all use nano calcium carbonate. Moreover, nano calcium carbonate offers several benefits, such as lowering production costs while enhancing dimensional stability, stiffness, and toughness. Tires, tubes, vehicle parts, wires, belts, cables, medical devices & footwear are just a few examples of the many products that use rubber.

Growing demand for industrial rubber by the tire industry, as a cheap and efficient substitute for carbon black due to its superior chemical properties, is expected to drive

the Global Nano Calcium Carbonate market demand during the forecast period.

Recent Developments

In September 2022, Vikas Ecotech signed an MoU with Aurapha Private Limited to start a new plant using nano Calcium Carbonate blended in a conjugated polymer matrix for corrosion protection and a process for the preparation thereof.

In order to better position the distributor of specialized chemicals and ingredients, mineral-based specialty solutions company IMERYS has opted to extend its distribution arrangement with IMCD in September 2020.

In May 2020, Imerys launched a product by the name of FilmLink, having high-performance minerals for breathable film for diapers.

Omya International AG, a major international manufacturer of industrial minerals and a distributor of specialty chemicals, purchased Solar Inks Ltd., a manufacturer of water-based flexographic inks, high-performance adhesives, and sustainable barrier coatings for food packaging in December 2019.

Market Segmentation

Global Nano Calcium Carbonate Market is segmented based on application and region. Based on application, the market is categorized into plastics, rubber, building & construction, and others. Based on region, the market is divided into North America, Europe, Asia Pacific, South America, Middle East & Africa.

Company Profiles

Nanomaterials Technology Co., Ltd., Chu Shin Chemical Co., Ltd., Guangdong Qiangda New Materials Technology Co. Ltd., Omya International AG, Imerys S.A., Minerals Technologies Inc., Yuncheng Chemical Industrial Co., Ltd., Hebei Lixin Chemistry Co., Ltd., Nanoshel LLC, Fujian Sanmu Nano Calcium Carbonate Co., Ltd. are some of the key players in the Global Nano Calcium Carbonate Market.

Report Scope:

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

Nano Calcium Carbonate Market, By Application:

Plastics

Rubber

Building & Construction

Others

Nano Calcium Carbonate Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Spain

Italy

Asia-Pacific

China

India

South Korea

Japan

Malaysia

South America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive landscape

Company Profiles: Detailed analysis of the major companies in the Global Nano Calcium Carbonate market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL NANO CALCIUM CARBONATE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
- 5.2. Market Share & Forecast
 - 5.2.1. By Application (Plastics, Rubber, Building & Construction, Others)
 - 5.2.2. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)
 - 5.2.3. By Company (2022)

5.3. Market Map

5.3.1. By Application

5.3.2. By Region

6. NORTH AMERICA NANO CALCIUM CARBONATE MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value & Volume

6.2. Market Share & Forecast

6.2.1. By Application

6.2.2. By Country

6.3. Pricing Analysis

6.4. North America: Country Analysis

6.4.1. United States Nano Calcium Carbonate Market Outlook

6.4.1.1. Market Size & Forecast

6.4.1.1.1. By Value & Volume

6.4.1.2. Market Share & Forecast

6.4.1.2.1. By Application

6.4.2. Mexico Nano Calcium Carbonate Market Outlook

6.4.2.1. Market Size & Forecast

6.4.2.1.1. By Value & Volume

6.4.2.2. Market Share & Forecast

6.4.2.2.1. By Application

6.4.3. Canada Nano Calcium Carbonate Market Outlook

6.4.3.1. Market Size & Forecast

6.4.3.1.1. By Value & Volume

6.4.3.2. Market Share & Forecast

6.4.3.2.1. By Application

7. EUROPE NANO CALCIUM CARBONATE MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value & Volume

7.2. Market Share & Forecast

7.2.1. By Application

7.2.2. By Country

7.3. Pricing Analysis

7.4. Europe: Country Analysis

7.4.1. France Nano Calcium Carbonate Market Outlook

- 7.4.1.1. Market Size & Forecast
 - 7.4.1.1.1. By Value & Volume
- 7.4.1.2. Market Share & Forecast
 - 7.4.1.2.1. By Application
- 7.4.2. Germany Nano Calcium Carbonate Market Outlook
 - 7.4.2.1. Market Size & Forecast
 - 7.4.2.1.1. By Value & Volume
 - 7.4.2.2. Market Share & Forecast
 - 7.4.2.2.1. By Application
- 7.4.3. United Kingdom Nano Calcium Carbonate Market Outlook
 - 7.4.3.1. Market Size & Forecast
 - 7.4.3.1.1. By Value & Volume
 - 7.4.3.2. Market Share & Forecast
 - 7.4.3.2.1. By Application
- 7.4.4. Spain Nano Calcium Carbonate Market Outlook
 - 7.4.4.1. Market Size & Forecast
 - 7.4.4.1.1. By Value & Volume
 - 7.4.4.2. Market Share & Forecast
 - 7.4.4.2.1. By Application
- 7.4.5. Italy Nano Calcium Carbonate Market Outlook
 - 7.4.5.1. Market Size & Forecast
 - 7.4.5.1.1. By Value & Volume
 - 7.4.5.2. Market Share & Forecast
 - 7.4.5.2.1. By Application

8. ASIA-PACIFIC NANO CALCIUM CARBONATE MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
 - 8.2.1. By Application
 - 8.2.2. By Country
- 8.3. Pricing Analysis
- 8.4. Asia-Pacific: Country Analysis
 - 8.4.1. China Nano Calcium Carbonate Market Outlook
 - 8.4.1.1. Market Size & Forecast
 - 8.4.1.1.1. By Value & Volume
 - 8.4.1.2. Market Share & Forecast
 - 8.4.1.2.1. By Application

- 8.4.2. India Nano Calcium Carbonate Market Outlook
 - 8.4.2.1. Market Size & Forecast
 - 8.4.2.1.1. By Value & Volume
 - 8.4.2.2. Market Share & Forecast
 - 8.4.2.2.1. By Application
- 8.4.3. South Korea Nano Calcium Carbonate Market Outlook
 - 8.4.3.1. Market Size & Forecast
 - 8.4.3.1.1. By Value & Volume
 - 8.4.3.2. Market Share & Forecast
 - 8.4.3.2.1. By Application
- 8.4.4. Japan Nano Calcium Carbonate Market Outlook
 - 8.4.4.1. Market Size & Forecast
 - 8.4.4.1.1. By Value & Volume
 - 8.4.4.2. Market Share & Forecast
 - 8.4.4.2.1. By Application
- 8.4.5. Malaysia Nano Calcium Carbonate Market Outlook
 - 8.4.5.1. Market Size & Forecast
 - 8.4.5.1.1. By Value & Volume
 - 8.4.5.2. Market Share & Forecast
 - 8.4.5.2.1. By Application

9. SOUTH AMERICA NANO CALCIUM CARBONATE MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
 - 9.2.1. By Application
 - 9.2.2. By Country
- 9.3. Pricing Analysis
- 9.4. South America: Country Analysis
 - 9.4.1. Brazil Nano Calcium Carbonate Market Outlook
 - 9.4.1.1. Market Size & Forecast
 - 9.4.1.1.1. By Value & Volume
 - 9.4.1.2. Market Share & Forecast
 - 9.4.1.2.1. By Application
 - 9.4.2. Argentina Nano Calcium Carbonate Market Outlook
 - 9.4.2.1. Market Size & Forecast
 - 9.4.2.1.1. By Value & Volume
 - 9.4.2.2. Market Share & Forecast

9.4.2.2.1. By Application

10. MIDDLE EAST AND AFRICA NANO CALCIUM CARBONATE MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value & Volume

10.2. Market Share & Forecast

10.2.1. By Application

10.2.2. By Country

10.3. Pricing Analysis

10.4. MEA: Country Analysis

10.4.1. South Africa Nano Calcium Carbonate Market Outlook

10.4.1.1. Market Size & Forecast

10.4.1.1.1. By Value & Volume

10.4.1.2. Market Share & Forecast

10.4.1.2.1. By Application

10.4.2. Saudi Arabia Nano Calcium Carbonate Market Outlook

10.4.2.1. Market Size & Forecast

10.4.2.1.1. By Value & Volume

10.4.2.2. Market Share & Forecast

10.4.2.2.1. By Application

10.4.3. UAE Nano Calcium Carbonate Market Outlook

10.4.3.1. Market Size & Forecast

10.4.3.1.1. By Value & Volume

10.4.3.2. Market Share & Forecast

10.4.3.2.1. By Application

11. MARKET DYNAMICS

11.1. Drivers

11.1.1. Rising demand from Building & Construction Industry

11.1.2. Increasing demand from Rubber Industry

11.1.3. Growing demand from Paint & Coating Industry

11.2. Challenges

11.2.1. Rising issues about mining activities

11.2.2. Deteriorating Paper Industry due to digitalization

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Product Launches
- 12.2. Merger's & Acquisitions
- 12.3. Technological Advancements

13. GLOBAL NANO CALCIUM CARBONATE MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (In Case of Listed Companies)
- 15.5. Key Personnel
- 15.6. SWOT Analysis
 - 15.6.1. Nanomaterials Technology Co., Ltd.
 - 15.6.2. Chu Shin Chemical Co., Ltd.
 - 15.6.3. Guangdong Qiangda New Materials Technology Co. Ltd.
 - 15.6.4. Omya International AG
 - 15.6.5. Imerys S.A.
 - 15.6.6. Minerals Technologies Inc.
 - 15.6.7. Yuncheng Chemical Industrial Co., Ltd.
 - 15.6.8. Hebei Lixin Chemistry Co., Ltd.
 - 15.6.9. Nanoshel LLC
 - 15.6.10. Fujian Sanmu Nano Calcium Carbonate Co., Ltd.

16. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: Nano Calcium Carbonate Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Application (Plastics, Rubber, Building & Construction, Others), By Region and Competition

Product link: <https://marketpublishers.com/r/N5983394252FEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N5983394252FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970