

Global Nanoclays Market Size study & Forecast, by Application (Water Treatment, Food and Beverage Packaging, Automotive, Biomedical, Paints and Coatings, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Nanoclays Market is valued at approximately USD 0.6 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 13.3% over the forecast period 2022-2029. Nanoclays are made up of Layered mineral silicate nanoparticles. Several groups of nanoclays, including montmorillonite, bentonite, kaolinite, hectorite, and halloysite, are categorized. Direct application of nanoclays to dry sandy soil results in their extensive penetration and coating of each sand particle. In a variety of industries, including water treatment, food, and beverage packaging, automotive, biomedicine, paints and coatings, and others, nanoclays are used. It serves as a reinforcing ingredient in coatings and films used for food packaging. One of the most popular and extensively researched nano agents used to create nanocomposites for food packaging is nanoclays. The increasing expansion of the Water & Wastewater treatment industry and the growing utilization of packaging and coating application are key factors driving the market growth.

The rising expansion of the water & wastewater treatment industry is contributing towards the growth of the Global Nanoclays Market. For instance – according to Statista – in 2021, the global water and wastewater treatment market was estimated at USD 281.75 billion, and the market is projected to grow to USD 490 billion by 2029, registering a CAGR of 7.1 per cent over the forecast period of 2022 to 2029 period. Additionally, Nanoclays are also used in packaging and coating applications, hence increasing the growth of these industries would influence the market growth. For instance as per the Packaging Industry Association of India, in 2019 Indian packaging market was valued at USD 50.5 billion, and projected to reach up to USD 204.81 billion

by 2025, at a growth rate of 26.7% during the period of 2020-2025. Also, rising demand for nanoclays-based nanocomposites and increasing growth of the automotive and aerospace industry would create a lucrative growth prospectus for the market over the forecast period. However, the toxic nature of nanoclays stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Nanoclays Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the increasing demand for the packaging, paints & coating industry in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising expansion of the automotive sector, and the presence of leading market players in the region.

Major market player included in this report are:

Southern Clay Products Inc.

FCC China

Nanocor Inc

TechMeridian Solutions Pvt Ltd

Kowa Company Ltd.

Elementis Specialties (India) Pvt. Ltd

Unicoop Firenze sc

Sum Chemical

Kunimine Industries CO., LTD.

UBE Corporation

Recent Developments in the Market:

In February 2022,

Global Nanoclays Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Water Treatment

Food and Beverage Packaging

Automotive

Biomedical

Paints and Coatings

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil
Mexico
RoLA
Rest of the World

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