

Global Smectite Clays Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GA20C79421F3EN.html>

Date: September 2023

Pages: 130

Price: US\$ 4,480.00 (Single User License)

ID: GA20C79421F3EN

Abstracts

The global Smectite Clays market size is expected to reach \$ 2083.1 million by 2029, rising at a market growth of 5.0% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Smectite Clays are Minerals Technologies (Amcol), Bentonite Performance Minerals LLC (BPM), Clariant, Imerys (S&B) and Black Hills Bentonite LLC, which make up about 54%. Among them, Minerals Technologies (Amcol) is the leader with about 18% market share.

North America is the largest market, with a share about 32%, followed by Europe and Asia-Pacific, with share about 31% and 29%. In terms of product type, Sodium Bentonite occupy the largest share of the total market, about 88%. And in terms of product application, the largest application is Molding Sands, followed by Drilling Mud.

The name bentonite was first suggested in 1898 for clay hosted by the Benton Shale in Wyoming. It was initially described as clay formed by the alteration of volcanic ash, but the most widely used commercial definition is that bentonite is clay consisting essentially of smectite minerals (usually montmorillonite) regardless of occurrence or origin.

Most economic bentonite deposits are of Cretaceous age or younger and associated with marine shale and marl (Wyoming), calcareous sands and marls (Morocco), carbonaceous shales and coal (South Africa), sandstone and conglomerate (Australia), dacitic pyroclastics and tuffs (Milos), andesite (China) or rhyolite and obsidian/perlite (China and Mozambique).

Bentonite is characterised by exchangeable cations such as Ca^{2+} , Mg^{2+} , Na^{+} or Li^{+}

which affect its designation and properties. For example, bentonite is typically described as either swelling or nonswelling bentonite. Swelling bentonite (also known as western bentonite) is sodium bentonite that swells in water and is generally used in its natural state. Non-swelling bentonite is calcium bentonite (also known as southern bentonite) that is used as mined, after treatment with soda ash to produce sodium-exchanged bentonite, or treated with acid to produce bleaching clay. Li-rich bentonite is known as hectorite and is commercially mined only in the US.

Natural bentonites occur in two main forms: Na-based and Ca-based. While Ca-bentonite is more common, Na-bentonite is a more effective binder. To boost the binding power of Ca-bentonite, it is subjected to a chemical reaction with soda ash to activate its outer and inner surfaces, which increases its ability to bind water.

This report studies the global Smectite Clays production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Smectite Clays, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Smectite Clays that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Smectite Clays total production and demand, 2018-2029, (K MT)

Global Smectite Clays total production value, 2018-2029, (USD Million)

Global Smectite Clays production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Smectite Clays consumption by region & country, CAGR, 2018-2029 & (K MT)

U.S. VS China: Smectite Clays domestic production, consumption, key domestic manufacturers and share

Global Smectite Clays production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K MT)

Global Smectite Clays production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Smectite Clays production by Application production, value, CAGR, 2018-2029, (USD Million) & (K MT).

This reports profiles key players in the global Smectite Clays market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Minerals Technologies (Amcol), Bentonite Performance Minerals LLC (BPM), Clariant, Imerys (S&B), Black Hills Bentonite LLC, Wyo-Ben Inc, Bentonite Company LLC (Russia), Tolsa Group and Laviosa Minerals SpA, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Smectite Clays market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Smectite Clays Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Smectite Clays Market, Segmentation by Type

Sodium Bentonite

Calcium Bentonite

Global Smectite Clays Market, Segmentation by Application

Molding Sands

Iron Ore Pelletizing

Pet Litter

Drilling Mud

Civil Engineering & Environmental

Agriculture

Personal Care, Food & Drug

Others

Companies Profiled:

Minerals Technologies (Amcol)

Bentonite Performance Minerals LLC (BPM)

Clariant

Imerys (S&B)

Black Hills Bentonite LLC

Wyo-Ben Inc

Bentonite Company LLC (Russia)

Tolsa Group

Laviosa Minerals SpA

G & W Mineral Resources

Hojun Group

Ningcheng Tianyu

Huawei Bentonite

China Jianping Cuican Peng Run Tu

Xinjiang Nonmetallic Minerals

LKAB Minerals

Ashapura Minechem Limited

Star Bentonite Group

Kunimine Industries

Fenghong New Material

Zhejiang Chang'an Renheng Technology

Liufangzi Bentonite

Bentonit Uni?o

Castiglioni Pes y Cia

Canbensan

Ayd?n Bentonit

KarBen

Elementis

Key Questions Answered

1. How big is the global Smectite Clays market?
2. What is the demand of the global Smectite Clays market?
3. What is the year over year growth of the global Smectite Clays market?
4. What is the production and production value of the global Smectite Clays market?
5. Who are the key producers in the global Smectite Clays market?
6. What are the growth factors driving the market demand?

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