

Bentonite (CAS 1302-78-9) Market Research Report 2025

<https://marketpublishers.com/r/B4ED38C27D2EN.html>

Date: May 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: B4ED38C27D2EN

Abstracts

Bentonite (CAS 1302-78-9) Market Research Report 2025 presents comprehensive data on BENTONITE markets globally and regionally (Europe, Asia, North America etc.)

The report includes BENTONITE description, covers its application areas and related patterns. It overviews BENTONITE market, names BENTONITE producers and indicates its suppliers.

Besides, the report provides BENTONITE prices in regional markets.

In addition to the above the report determines BENTONITE consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Bentonite (CAS 1302-78-9) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Bentonite (CAS 1302-78-9) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: BENTONITE

Synonyms:

Dioxosilane
oxo(oxoalumanyloxy)alumane
hydrate

Wilkinite

Activated Bleaching Earth (For
Industrial Oil)

Bentonite

CAS#: 1302-78-9

Formula: $\text{Al}_2\text{O}_3 \cdot 4(\text{SiO}_2) \cdot \text{H}_2\text{O}$

Molecular Weight: 360.31

Appearance: The color varies from yellowish to white and is almost odorless.

Usage: As of fuller's earth, as emulsifier for oils, as a base for plasters. Pharmaceutical aid (suspending agent).

Bentonite, otherwise known as wilkinite, bentonite magma, bengel, montmorillonite, colloidal clay, etc., is an absorbent aluminium phyllosilicate. It occurs as a white to grey odorless solid with the molecular weight 360.31 and molecular formula $\text{Al}_2\text{H}_2\text{O}_{12}\text{Si}_4$. Bentonite has a boiling point of 1200°C. The product is insoluble in water, diethyl ether, methanol, acetone, n-octanol.

Bentonite demonstrates such properties as thixotropy, water absorption, hydration, viscosity, swelling. The product has various uses and applications. Bentonite is widely utilized as a bonding material in the manufacture of molding sand. The product is also used for the production of cat litter. Bentonite is frequently used as a binding, thixotropic, support and lubricant agent. Civil engineering, construction, agriculture, pharmaceutical industry, medicine, the cosmetics industry are amid the main consumers of bentonite. Moreover, the product is utilized for oil and water well drilling, paper making.

Bentonite can cause irritation of eyes and skin. In some cases, it also may produce inflammation of the skin or accentuate any pre-existing dermatitis condition. The product may also be harmful if swallowed. Bentonite can provoke respiratory irritation with further lung damage if inhaled. Overexposure to the product may lead to diseases of airways, coughing, difficulty in breathing, wheezing, altered breath sounds, emphysema and other related health effects.

Bentonite market is covered in the study BENTONITE (CAS 1302-78-9) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks bentonite market situation, names manufacturers, suppliers as well as users. The report also provides current bentonite prices in the market.

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