

Global Wollastonite Market Outlook to 2027

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Abstracts

Wollastonite is a white or gray mineral consisting of calcium silicate in triclinic crystalline form, which is found deposited in limestone, usually occurring in cleavable masses. According to BlueQuark Research & Consulting, the global Wollastonite market is expected to witness a significant growth rate during the forecasted period. Factors like increasing the use of Wollastonite in the plastic industry, Wollastonite is a low-cost alternative to fiberglass, milled carbon fiber, and synthetic materials are expected to drive the Global Wollastonite Market. Further, Wollastonite is used in a wide range of ceramic applications in the ceramic industry, including glazes and bodies, enamels, frits, fluxes, and sanitary wares with glazing formulas alkaline ceramic applications, including glazes and bodies, enamels, frits, fluxes, and sanitary wares with glazing formulas alkaline to boost the glaze's strength is projected to drive the Global Wollastonite Market. Furthermore, wollastonite is commonly added to formulated powders for steel casting and welding in metallurgical applications. Its low water solubility and Ca-Si ratio are expected to drive the Global Wollastonite Market. However, Wollastonite made up most of the airborne dust in the flotation plants. Dust measurements were taken in the workers' breathing zones, and the working areas cause chronic bronchitis, slight lung fibrosis, and pulmonary fibrosis is expected to hinder the future market growth of Wollastonite.

The use of Wollastonite in the plastic industry for car parts, computer housings, and electrical connectors. It is used in ceramics applications such as glazes and bodies, enamels, frits, and sanitary wares. It is used in metallurgical applications for steel casting and welding. It is used in paints and coating, which helps to increase brightness and reduce pigment load. Wollastonite in many frictional applications in replacement for asbestos, milled fibers, chopped glass, and synthetic materials in truck blocks, drum linings, disc pads, and friction paper. It is also used in interior and exterior construction boards, roof tiles, shaped insulation products, sheets, panels, and slidings.

The plastic Industry is the most primary and vital consumer of Wollastonites and is estimated to drive the global demand for Wollastonites. Wollastonite's acicular or needle structure improves the composite's resilience in plastics. In-car partsenable manufacturers to make them lighter, enhancing strength, dimensional stability, and impact resistance, driving the demand for Wollastonite Market. According to theU.S. Geological Survey,global sales of Wollastonite were estimated to be 830,000 to 880,000 tons which are slightly lower than those in 2019. Construction starts for new housing units increased by 4.7% from January to July 2020, indicating that Wollastonite sales to domestic construction-related markets such as adhesives, caulks, cement board, ceramic tiles, paints, and wallboard, may have grown. Polymers, ceramics, and paint includeWollastonite sales worldwide. Wollastonite improves insulating characteristics and fire resistance in elements like computer housings and electrical connectors, projected to drive the demand for Wollastonites in the segment. Wollastonite is also enhancing part scratch resistance, and the weld line strength is projected to drive the need for the Wollastonite market. Thus all the above factors have made the Industrial Sector a vital segment of growth for the Global market of Wollastonite.

The Asia Pacific region is on its way to becoming the global leader in the production and consumption of Wollastonite, with most of the consumption in populated countries like China and India. The population growth has prompted the subsequent increase in the use of Wollastonite in various plastic applications, which helps in enhancing electrical insulating properties, adds fire resistance, improves dimensional stability, and drives the global Wollastonite market. Increasing demand for ceramics grades which helps in increasing green and fired strength ceramic tiles and sanitary ware bodies and reduces crazing, cracking, and glaze defects, and enables ceramic manufacturers to speed up firing, reducing energy costs, and CO2 emissions are witnessing strong growth rates in the Global Wollastonite Market. Wollastonite is used in metallurgical fluxes to give easy fusibility, good insulation, and low viscosity. It has found acceptance in fluxing formulations used in the continuous casting of steel, driving the demand for the Global Wollastonite Industry. In paints & coatings, Wollastonite grades provide flexibility, mechanical reinforcement, impact resistance, and gloss control properties due to their unique morphology property and hardness. It can also act as a pH buffer for improved in-can paint stability over a long period, thus driving the Global Wollastonite Industry. Due to its physical structure and non-hazardous qualities, Wollastonite is used as a reinforcing component in numerous friction applications. Wollastonites are excellent lightweight reinforcing fillers for cement boards and fire-resistant insulating panels in the construction industry, driving the Global Wollastonite in the market. Thus, mentioned factors have made the Asia Pacific region a vital area for the development of Wollastonite.

Some of the market's key players are Nordkalk Corporation, NYCO Minerals, Inc., Wolkem India Ltd, R.T. Vanderbilt Holding Company, Inc., Canadian Wollastonite, among others.

In March 2021, AGRINOVA was a highly renowned Center for Research and Innovation in Agriculture in Quebec that Vertical has hired since 2018 to help farmers and agricultural companies in Quebec optimize the potential agrarian uses of Wollastonite to improve production processes.

In July 2019, Wollastonite was described as “ a white mineral for a greener world,” and it appears that governments, businesses, and industries agree. It is expected to see increased market growth in its traditional uses and a renewed focus on its powerful qualities to aid in the fight against climate change.

Global Wollastonite Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Wollastonite market by segmenting based on the By Composition (Calcium Oxide, Silicon Dioxide, Aluminum, Iron, Magnesium, Manganese, Potassium, Sodium, Others), By Deposits (Calcite, Diopside, Idocrase, Quartz, Others), By Application (Plastics, Ceramics, Metallurgy, Paints & Coatings, Friction Products, Concrete, Others) and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

Contents

1. Executive Summary

2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
 - 3.2.1 Drivers
 - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Feedstock Analysis
- 3.6 Regulatory Policies
- 3.7 Analysis of Covid-19 Impact

4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Competition in the Industry
 - 4.2.2 Potential of New Entrants into the Industry
 - 4.2.3 Bargaining Power of Suppliers
 - 4.2.4 Bargaining Power of Consumers
 - 4.2.5 Threat of substitute products

5. Market Segmentation & Forecast

- 5.1 By Composition
 - 5.1.1 Calcium Oxide
 - 5.1.2 Silicon Dioxide
 - 5.1.3 Aluminum
 - 5.1.4 Iron
 - 5.1.5 Magnesium

- 5.1.6 Manganese
- 5.1.7 Potassium
- 5.1.8 Sodium
- 5.1.9 Others
- 5.2 By Deposits
 - 5.2.1 Calcite
 - 5.2.2 Diopside
 - 5.2.3 Idocrase
 - 5.2.4 Quartz
 - 5.2.5 Others
- 5.3 By Application
 - 5.3.1 Plastics
 - 5.3.2 Ceramics
 - 5.3.3 Metallurgy
 - 5.3.4 Paints & Coatings
 - 5.3.5 Friction Products
 - 5.3.6 Concrete
 - 5.3.7 Others

Regional Market Analysis

- 6.1 North America
 - 6.1.1 United States
 - 6.1.2 Canada
 - 6.1.3 Mexico
- 6.2 Europe
 - 6.2.1 Germany
 - 6.2.2 United Kingdom
 - 6.2.3 Italy
 - 6.2.4 France
 - 6.2.5 Spain
 - 6.2.6 Rest of Europe
- 6.3 Asia-Pacific
 - 6.3.1 China
 - 6.3.2 India
 - 6.3.3 Japan
 - 6.3.4 South Korea
 - 6.3.5 Rest of Asia-Pacific
- 6.4 South America
 - 6.4.1 Brazil

6.4.2 Argentina

6.4.3 Rest of South America

6.5 Middle East & Africa

6.5.1 South Africa

6.5.2 Saudi Arabia

6.5.3 Rest of Middle East & Africa

Company Profiles

Alkalk Corporation

ACO Minerals, Inc

Adkem India Ltd

Ad Vanderbilt Holding Company, Inc.

Adrian Wollastonite

Adu Dadingshan Wollastonite Co. Ltd

Adu South Wollastonite Co. Ltd

Ad Shanwei Wollastonite Mining Co., Ltd

Ad Guangxing Earth New Type Of Material Co. Ltd

Ad Henshi Hulan Wollastonite Minerals Co. Ltd

Ad Herra Roca Rodando S. De. R. L. De C. V.

Ad Hico Technologies (Tianjin) Co., Ltd

Ad Guangdong Wuling Wollastonite Co., Ltd

Ad Guangxi Aote Technology Co., Ltd

Ad Guina Wollastonite Co., Ltd

Ad The following companies is not exhaustive

Competitive Landscape

Ad List of Notable Players in the Market

Ad Mergers, Acquisitions, JV, and Agreements

Ad Market Share Analysis

Ad Strategies of Key Players

Conclusions and Recommendations

List Of Tables

LIST OF TABLES

Global Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

North America Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

United States Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Canada Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Mexico Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Europe Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

United Kingdom Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Germany Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Other Supporting Charts

Italy Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

France Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Spain Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of Europe Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

South America Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Brazil Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Argentina Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of South America Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Asia-Pacific Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

China Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

India Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Japan Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

South Korea Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

ASEAN Countries Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of Asia-Pacific Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Middle East & Africa Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Saudi Arabia Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

South Africa Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of Middle-East & Africa Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Plastics - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Ceramics - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Metallurgy - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Paints & Coatings - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Friction Products - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Concrete - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Others - Wollastonite Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

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