

Global Pyrophyllite Market 2023

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Abstracts

Description

The Global Pyrophyllite Market is poised for substantial growth from 2023 to 2029, with the market size projected to rise from 720 kilotons in 2022 to 805 kilotons by 2029, reflecting a compound annual growth rate (CAGR) of 1.6%. The chemical industry faced significant disruptions during the COVID-19 pandemic, including temporary lockdowns and production halts in 2020. However, the pyrophyllite market experienced a resurgence post-pandemic, driven by heightened demand for paints and ceramics fueled by robust construction activities.

The increasing utilization of pyrophyllite in ceramics, particularly in key economies, serves as a major catalyst for market expansion. Nevertheless, concerns regarding health risks associated with pyrophyllite dust during mining operations pose a hindrance to market growth. Nonetheless, the growing inclination towards pyrophyllite as a substitute for talc and kaolin in the refractory and foundry industry presents an avenue for market expansion.

Market Segmentation

The market is segmented based on various factors, including type, application, and geography.

Segmentation by Type

Pyrophyllite Natural

Others

Segmentation by Application

Ceramics

Fiberglass

Filler Materials

Fertilizer

Rubber and Roofing

Refractory

Ornamental Stones

Others

Segmentation by Geography

North America %li%United States, Canada, Mexico

Europe %li%United Kingdom, Germany, France, Italy, and Rest of Europe

Asia-Pacific %li%China, Japan, India, Thailand, South Korea, and Rest of Asia-Pacific

Latin America %li%Brazil, Argentina, and Rest of Latin America

Middle East and Africa %li%Saudi Arabia, South Africa, and Rest of Middle East and Africa

Pyrophyllite is a versatile mineral found in slate, phyllite, and some schists, as well as other early-stage metamorphic rocks. Its application in ceramics is notable, as it allows for lower firing temperatures, reduced thermal expansion, minimized shrinking and cracking, and improved thermal shock resistance. Ceramics made with pyrophyllite also demonstrate high vitrification and strong mechanical resistance. The demand for pyrophyllite in ceramics is expected to increase in the construction and automotive sectors, thanks to its beneficial properties like toughness, hardness, electrical resistance, and chemical inertness.

China is a leading global producer of ceramics, and the demand for ceramics has increased in countries like Indonesia and Australia. The construction industry boom in the United States has also fueled the demand for ceramic tiles. The dominance of ceramics in various industries is expected to continue. The Asia-Pacific region, particularly China and India, is projected to hold the dominant position in the pyrophyllite market due to the increasing demand for pyrophyllite and its extensive use in construction. The Asia-Pacific region is home to some of the largest pyrophyllite producers. Pyrophyllite is also important in the paper and paint industries as a filler, and it serves as a fertilizer carrier in agriculture, enhancing soil nutrient retention. China, as the largest fertilizer manufacturer, has seen significant production of nitrogen, phosphate, and potash fertilizers.

Competitive Landscape

The pyrophyllite market is consolidated with key players such as Hankook Mineral Powder Co., Ltd., Idwala Industrial Holdings (Pty) Ltd, Minkyung Industry Co., Ltd., Ohira Co., Ltd., PT Gunung Bale, R.T. Vanderbilt Holding Company, Inc., SAMIROCK Co. Ltd, Shinagawa Shirenga Co., Ltd., Shokozan Kogyosho Co., Ltd, Skku Minerals India Private Limited, Wonderstone Ltd., among others.

Scope of the Report

To analyze and forecast the market size of the global pyrophyllite market.

To classify and forecast the global pyrophyllite market based on type, application, geography.

To identify drivers and challenges for the global pyrophyllite market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global pyrophyllite market.

To identify and analyze the profile of leading players operating in the global pyrophyllite market.

Why Choose This Report

Gain a reliable outlook of the global pyrophyllite market forecasts from 2023 to 2029

across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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