

# Global Perlite Market Outlook to 2027

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## Abstracts

Perlite is a concentric amorphous volcanic glass, usually grey and spherulitic with high water content. According to BlueQuark Research & Consulting, the Global Perlite market is expected to witness a significant growth rate during the forecasted period. Perlite is essential for the environment as it absorbs oil, soaks up and stabilizes chemical spills, solidifies liquid waste and industrial sludge for legal transport, blends with soil to filter stormwater runoff from paved surfaces, mitigate rainwater surge and erosion, solidifies liquid waste, and industrial sludge to aid waste management is estimated to drive the Global Perlite market. In addition to this, Horticulture employs Perlite for its lightweight water-holding capacity, neutral pH, and pathogen-free nature, to manufacture lightweight soils for roof gardens, function as soilless growth media for hydroponics, makes an excellent conditioner for the native garden by enhancing water-holding capacity is expected to drive the Global Perlite market. Further, the construction industry relies on Perlite to manufacture lightweight plasters and mortars, insulation, ceiling tiles, and filter aids in the construction and industrial industries due to its acoustic qualities, lightweight, fire resistance, and excellent insulation projected to drive the Global Perlite market. However, health issues from prolonged exposure to Perlite dust, which can aggravate existing respiratory conditions and cause eye irritation, the presence of air pores in it, which can trap algae and debris and cause blocked percolation, and the availability of substitutes such as Diatomite, Pumice, and Slag, Vermiculite, and others, are expected to suppress the global market's growth.

Perlite is used as an ingredient in skincare and cosmetics such as face masks, powder-based make-up, and exfoliating scrubs and acts as an alternative to microbeads in face scrubs owing to its spherical shape, filler media for pharmaceuticals, food products, and chemicals, and heat retention in Foundry and Ferroalloys Industry is achieved by it.

The Construction industry is the vital consumer of Perlite and is expected to drive the global market. The Construction industry is the vital consumer of Perlite and is expected

to drive the global market. Perlite is a versatile and environmentally friendly mineral mined and processed with minimal environmental impact. The construction industry uses more than 50 percent of expanded Perlite worldwide as Architects, engineers, and building owners can benefit from Perlite Insulating Concrete's lightweight, the industry is bound to rise. This is primarily due to perlite's lightweight nature, which allows it to perform this function without putting undue strain on the structure, and unlike other insulation products, perlite is safe for people and homes due to its nontoxic, fireproof, and chemical resistant properties, and when compared to various insulation materials, perlite offers a cost-effective alternative without sacrificing quality or functionality. According to U.S Geological Survey, in 2020, the amount of domestic processed crude perlite sold and consumed was anticipated to be 440,000 tonnes, valued at USD 28 million, with expanded perlite used for building and construction accounting for 53% of the total. In addition to this, Perlite acts as an aggregate in Portland cement and gypsum plasters for external purposes and beam and column fire protection.

Some of the market's key players are Aegean Perlites SA, Imerys Performance Minerals, Bergama Mining Perlite, Supreme Perlite Company, Omya International AG, Saudi Perlite Industries, and Blue Pacific Minerals, among others.

The Asia Pacific region is poised to be the leader in the production and the subsequent consumption of Perlite, with most of the consumption in countries like China and India. For around 58% of India's population, agriculture is their primary source of income. Agriculture, forestry, and fishery had a Gross Value Added of USD 276.37 billion in FY20 this has accelerated the demand for Perlite in the region. In addition to this, the area is home to rising economies, where a large portion of the population lives, due to increased industrialization and construction activity due to rapid urbanization in these emerging Asian nations, and growing demand for expanded Perlite for gardening applications in this region, Asia Pacific is likely to witness surging growth in the global market. In India, the government has planned over 100 smart cities to attract significant investment in the following years, allowing the crude perlite market to grow significantly. Further, Perlite is utilized in a wide range of applications in the region, from high-performance fillers for plastics to cement, as well as petroleum, water, and geothermal wells, and its demand has risen due to its usage as a filter media for pharmaceuticals, food goods, chemicals, and abrasives in soaps, cleansers, and polishes. Factors like these have made Asia-Pacific an essential region for growth in the Perlite market.

In March 2021, Omya, a global distributor of specialty chemicals and a prominent manufacturer of industrial minerals, purchased the assets of Accimin S.A. de C.V., a

perlite producer in Mexico.

Global Perlite Market report provides deep insight into the market's current and future state across various regions. The study comprehensively analyses the Perlite market by segmenting based on the type (Crude Perlite, Expanded Perlite, Crushed Perlite, Vapex, Others), Application (Cryogenic, Filter and Process aid, Insulation, Absorption, Foundry, Others), End-User Industry (Environment, Horticulture and Agriculture, Construction, Personal Care, 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 Trade Analysis

3.7 Price Trend Analysis

3.8 Supply Analysis

3.9 Regulatory Policies

3.10 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 Type

5.1.1 Crude

Perlite

5.1.2 Expanded Perlite

5.1.3 Crushed Perlite

5.1.4 Vapex

5.1.5 Others

5.2 By Application

5.2.1 Cryogenic

5.2.2 Filter and

Process aid

5.2.3 Insulation

5.2.4 Absorption

5.2.5 Foundry

- 5.2.6 Others
- 5.3 By End-User Industry
  - 5.3.1 Environment
  - 5.3.2 Horticulture and  
Agriculture
  - 5.3.3 Construction
  - 5.3.4 Personal Care
  - 5.3.5 Others

## **6. 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 United Kingdom

#### 6.2.2 Germany

#### 6.2.3 Italy

6.2.4 France

6.2.5 Spain

6.2.6 Rest of Europe

6.3 South America

6.3.1 Brazil

6.3.2 Argentina

6.3.3 Rest of South America

6.4 Asia-Pacific

6.4.1 China

6.4.2 India

6.4.3 Japan

6.4.4 South Korea

#### 6.4.5 Rest of Asia-Pacific

### 6.5 Middle East & Africa

#### 6.5.1 Saudi Arabia

#### 6.5.2 South Africa

#### 6.5.3 Rest of Middle East & Africa

## 7. Key Company Profiles

- 7.1 Aegean Perlites
- 7.2 Imerys Performance Minerals
- 7.3 Bergama Mining Perlite
- 7.4 Supreme Perlite Company
- 7.5. Blue Pacific Minerals
- 7.6 Omya International AG
- 7.7 Saudi Perlite Industries
- 7.8 Yanxi Mineral Co. Ltd
- 7.9 Ausperl Ply Limited
- 7.10 Mianeh Prlite Expanding Co. Ltd.
- 7.11 Profiltra Pigments
- 7.12 EP Minerals
- 7.13 Genper Group of Companies
- 7.14 Chillagoe Perlite
- 7.15 Gulf Perlite LLC

\* *List*

*of companies is not exhaustive*



## **8. Competitive Landscape**

8.1 List of Notable Players in the Market

8.2 M&A, JV, and Agreements

8.3 Market Share Analysis

8.4 Strategies of Key Players

## **9. Conclusions and Recommendations**

## List Of Tables

### LIST OF TABLES

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

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

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

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

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

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

Other Supporting Charts

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Environment - Perlite Market Size, Market Growth & Market Forecast Volume(in Kilo  
ton), 2017-2027

Horticulture and Agriculture - Perlite Market Size, Market Growth & Market Forecast  
Volume(in Kilo ton), 2017-2027

Construction - Perlite Market Size, Market Growth & Market Forecast Volume(in Kilo  
ton), 2017-2027

Personal Care - Perlite Market Size, Market Growth & Market Forecast Volume(in Kilo  
ton), 2017-2027

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

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