

Alumina Market Set to Surge from USD 1.56 Billion in 2023 to USD 9.06 Billion by 2030, Driven by a Robust CAGR of 21.93%

Alumina Market includes top players Sasol Ltd., Sumitomo Chemical Co. Ltd, Nippon Light Mryal Holdings Company Ltd., Alcoa Corporation

LUTON, BEDFORDSHIRE, UNITED KINGDOM, October 21, 2024 /EINPresswire.com/ -- The [Alumina](#) market report presents an overview of the market on the basis of key parameters such as market size, revenue, sales analysis and key drivers.

The market size of global Alumina market is anticipated to grow at large scale over the forecast period (2024-2030). The main purpose of the study report is to give users an extensive viewpoint of the market. The report exhibits both Alumina market quantitative as well as qualitative data with tables and figures displayed in the form of bar graphs, and pie charts. Key drivers as well as challenges of the market are discussed in the report. Also reports provides an in depth analysis of the Alumina market with current and future trends.

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Rising demand for alumina in aluminum production, ceramics, and refractories boosts market growth.

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Exactitude Consultancy



The alumina market

Alumina market is expected to grow at a CAGR of 21.93% from 2023 to 2030. The market size is projected to reach USD 9.06 billion by 2030, up from USD 1.56 billion in 2023. The growth is driven by increasing demand for alumina in various industries, including aluminum production, ceramics, and refractories.

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<https://exactitudeconsultancy.com/reports/12442/alumina-market/#request-a-sample>

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Scope for 2024
Brief Introduction to the research report.
Table of Contents (Scope covered as a part of the study)
Top players in the market
Research framework (structure of the report)
Research methodology adopted by The Market Insights

Research report includes the current trends that are being adopted by significant market players in the Alumina markets, including the use of cutting-edge technology, government funding of R&D, and an increasing focus on sustainability.

Sasol Ltd., Sumitomo Chemical Co. Ltd, Nippon Light Mryal Holdings Company Ltd., Alcoa Corporation, and Altech Chemicals.

Research report includes the current trends that are being adopted by significant market players in the Alumina markets, including the use of cutting-edge technology, government funding of R&D, and an increasing focus on sustainability.

The market is segmented based on the type, product and application. The segmentation helps to deliver a precise explanation of the market.

Alumina Market by Type, 2022-2029, (USD Millions)

4n High Purity Alumina (Hpa)

5n High Purity Alumina (Hpa)

6n High Purity Alumina (Hpa)

Alumina Market by Technology, 2022-2029, (USD Millions)

Hydrolysis

Hydrochloric Acid Leaching

Alumina Market by Application, 2022-2029, (USD Millions)

Led Bulbs

Semiconductor Substrate

Li-Ion Batteries

Optical Lenses

Bio Medical Devices

Others

Geographically segmented report:

Geographically, this report is segmented into several key regions, with sales, revenue, market share and growth Rate of Alumina in these regions, covering

North America (USA, Canada and Mexico)

Europe (UK, Germany, France and the Rest of Europe)

Asia Pacific (China, Japan, India, and the Rest of the Asia Pacific region)

South America (Brazil, Argentina and the Rest of South America)

Middle East and Africa (GCC and Rest of the Middle East and Africa)

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Market dynamics:

The Alumina market is driven by several dynamic factors that influence its demand, supply, and pricing. Here are the key market dynamics:

Primary driver: The largest share of alumina is used in the production of aluminum.

As aluminum is widely used across industries (construction, transportation, packaging, electrical applications, etc.), the demand for alumina closely correlates with the growth of these sectors.

Growing applications: With increased demand for lightweight materials in the automotive and aerospace industries, the demand for aluminum (and thus alumina) is rising.

Alumina-based ceramics: There is increasing use of alumina in advanced ceramics for

electronics, medical devices, and industrial equipment due to its superior properties like high hardness and corrosion resistance.

High-purity alumina (HPA): The development of high-purity alumina, essential for applications in LEDs, semiconductors, and lithium-ion batteries, is expanding the market.

Raw material dependency: Alumina is produced from bauxite ore. Any fluctuations in bauxite supply, either due to geopolitical factors or environmental regulations, can impact alumina production and pricing.

Supply chain disruptions: Changes in the availability or cost of bauxite, the primary raw material, directly affect alumina prices. Major producers like Australia, Guinea, and China play crucial roles in global supply.

Energy-intensive process: The extraction and refining of alumina are highly energy-intensive, raising concerns about environmental impacts and carbon emissions.

Sustainability efforts: The industry is focusing on reducing the environmental footprint of alumina production, including waste management (red mud) and adopting renewable energy sources. Stricter environmental regulations are leading to the adoption of cleaner technologies, which can increase production costs but also drive innovation.

Fluctuations in global demand: Economic growth, particularly in emerging economies, significantly affects alumina consumption. As countries like China and India expand their infrastructure and manufacturing sectors, they are major consumers of alumina.

Trade policies and tariffs: Tariffs and trade restrictions can impact the international trade of alumina, leading to shifts in production and consumption patterns. Trade wars or tariffs on aluminum products also indirectly affect alumina markets.

Executive Summary

Introduction of the Global Alumina Market

- Overview of the Market
- Scope of Report
- Assumptions

Executive Summary

Research Methodology of Market Research Intellect

- Data Mining
- Validation
- Primary Interviews
- List of Data Sources

Global Alumina Market Outlook

- Overview
- Market dynamics
- Drivers
- Restraints
- Opportunities
- Porters five force model
- Value chain analysis

Global Alumina Market, By Product

Global Alumina Market, By Application

Global Alumina Market, By Geography

- North America
- Europe
- Asia Pacific
- Rest of the World

Global Alumina Market Competitive Landscape

- Overview

- Company Market Ranking
- Key Development Strategies

Company Profiles

Appendix

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Current and future of Alumina market outlook in the developed and emerging markets.
Analysis of various perspectives of the market with the help of Porter's five forces analysis.
The segment that is expected to dominate the Alumina
Regions that are expected to witness the fastest growth during the forecast period.
Identify the latest developments, Alumina market shares, and strategies employed by the major market players.

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Electric Motors Market

The global Electric Motor Market size was valued at 103 USD billion in 2019, and is expected to reach 188 USD billion by 2028, with a CAGR of 6.9% from 2024 to 2030.

<https://exactitudeconsultancy.com/reports/2133/electric-motor-market/>

Medical Radiation Detection, Monitoring & Safety Market

The global medical radiation detection, monitoring & safety market is expected to grow at 6.84% CAGR from 2024 to 2030. It is expected to reach above 1.55 USD billion by 2030 from 0.88 USD billion in 2023.

<https://exactitudeconsultancy.com/reports/10263/medical-radiation-detection-monitoring-safety-market/>

Real-Time Location Systems Market

The real-time location systems market is expected to grow at 26.1% CAGR from 2024 to 2030. It is expected to reach above USD 31.68 billion by 2030 from USD 3.93 billion in 2023.

<https://exactitudeconsultancy.com/reports/21991/real-time-location-systems-market/>

Automotive Filters Market

The global automotive filter market is expected to grow at 3.95% CAGR from 2019 to 2028. It is expected to reach above USD 22.4 billion by 2028 from USD 18.00 billion in 2019.

<https://exactitudeconsultancy.com/reports/1754/automotive-filters-market/>

Clinical Decision support Systems Market

The global clinical decision support system market is projected to reach USD 1.31 Billion by 2029 from USD 1.20 Billion in 2020, at a CAGR of 9.33% from 2022 to 2029.

<https://exactitudeconsultancy.com/reports/2414/clinical-decision-support-systems-market/>

Flavor Enhancer Market

The Global Flavor Enhancer Market is poised for significant growth, valued at \$9.09 billion in 2023 and projected to reach \$14.98 billion by 2032. This expansion corresponds to a compound annual growth rate (CAGR) of 6.54% over the forecast period from 2024 to 2032.

<https://exactitudeconsultancy.com/reports/45304/flavor-enhancer-market/>

Microgreens Market

The Microgreens Market has experienced significant growth in recent years and is valued at \$1.9 billion in 2023. It is projected to reach \$6.3 billion by 2032, with a compound annual growth rate (CAGR) of 14.87% during the forecast period from 2024 to 2032.

<https://exactitudeconsultancy.com/reports/45167/microgreens-market/>

Syringe Filter Market

Syringe Filter Market Size is valued at USD 16.88 billion in 2024 and is predicted to reach USD 28.10 billion by the year 2032 at a 6.82% CAGR during the forecast period for 2024-2032

<https://exactitudeconsultancy.com/reports/45000/syringe-filter-market/>

Contact Lenses Market

The global contact lenses market is expected to grow at 6.80% CAGR from 2024 to 2030. It is expected to reach above 13.02 USD billion by 2030 from 7.40 USD billion in 2023.

<https://exactitudeconsultancy.com/reports/7978/contact-lenses-market/>

Hybrid Cloud Market

The hybrid cloud market is expected to grow at 17.0% CAGR from 2023 to 2030. It is expected to reach above USD 205.83 billion by 2030 from USD 50.1 billion in 2024.

<https://exactitudeconsultancy.com/reports/15649/hybrid-cloud-market/>

Urban Air Mobility Market

<https://exactitudeconsultancy.com/reports/19994/urban-air-mobility-market/>

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