

# Asia Pacific Zirconium Market Size study, by Occurrence Type (Zirconia, Zircon, and Other Occurrence Types), Application (Zircon Opacifier, Zircon Flour/Milled Sand, Zircon Chemicals, Refractories (Zirconia), and Zircon Metal) and Country Forecasts 2022-2032

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# **Abstracts**

Asia Pacific Zirconium Market is valued approximately USD 1.01 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.24% over the forecast period 2024-2032. Zirconium is a lustrous, grayish-white, strong transition metal widely used in various industrial applications due to its excellent corrosion resistance, high melting point, and other desirable properties. The Zirconium Market encompasses various sectors such as aerospace, automotive, nuclear energy, electronics, ceramics, and chemical processing, where zirconium and its alloys find applications in different forms including zirconium dioxide (zirconia), zirconium metal, zirconium compounds, and zirconium-based ceramics. Trends such as Growing Demand in Nuclear Energy, and Advancements in Ceramics and Electronics help in providing further opportunities for the Asia Pacific Zirconium Market. Major countries contributing to the Asia Pacific Zirconium Market include China, Japan, South Korea, India, Australia, and several Southeast Asian nations. These countries are major producers and consumers of zirconium-based products, driving demand for the Asia Pacific zirconium market.

The increasing stress on nuclear energy is one of the substantial drivers for the Asia Pacific zirconium market. Zirconium offers high corrosion resistance and low neutron absorption properties that provide fuel cladding solutions for nuclear reactors. Countries such as China, India, South Korea, and Japan, escalating its demand for clean, reliable energy, and significantly increase its nuclear capacity to reduce carbon emissions and



meet its growing energy needs. Furthermore, advancements in nuclear reactor technologies, such as generation IV reactors, may further boost demand for the zirconium-based materials. Thus, the growing momentum towards nuclear energy in the Asia Pacific region not only highlights the regions commitment to sustainable development but also presents numerous opportunities in Asia Pacific zirconium market. However, supply risk and a threat of substitution, can stifle market growth between 2022 and 2032.

The key Countries considered for the Asia Pacific Zirconium market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue. China is one of the largest consumers of zirconium and zirconium-based product globally. China's nuclear energy program drive demand for zirconium alloys used in nuclear reactor components. Furthermore, China ambition to increase its nuclear power capacity to reduce carbon emissions and meet its growing energy needs, the demand for zirconium-based materials in the nuclear sector is expected to rise. The market in India, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:
Australian Strategic Materials Ltd
Base Resources Limited
Binh Dinh Minerals Company
Iluka Resources Limited
Lanka Mineral Sands Limited
MZI Resources Ltd
Company 7
Company 8
Company 10

The detailed segments and sub-segment of the market are explained below:

By Occurrence Type
Zircon
Zirconia
Other Occurrence Types

By Applications
Zircon Flour/Milled Sand
Zircon Opacifier



Refractories (Zirconia)

**Zircon Chemicals** 

Zircon Metal

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

**RoAPAC** 

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period - 2024 to 2032

# Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.



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