

Asia Pacific Silica Sand Market: Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The Asia Pacific silica sand market size reached US\$ 5.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 8.7 Billion by 2028, exhibiting a growth rate (CAGR) of 7.16% during 2023-2028.

Silica sand, also called industrial sand, is primarily composed of quartz and other materials, such as feldspars, carbonates, clay mineral, iron oxides, etc. Silica sand finds diverse applications in glassmaking, hydraulic fracturing, water filtration, industrial casting, sandblasting, etc. This can be accredited to its several benefits, such as high granularity, strength, durability, better resistance against heat and chemical reactions, etc.

Asia Pacific Silica Sand Market Trends:

Asia Pacific is amongst the largest consumers of silica sand based on its increasing utilization in the glass and foundry industries. The rising demand for high purity silica sand in manufacturing photovoltaic panels and silicon-metal composite materials is also augmenting the market growth. The rapid development of solar infrastructures in the region is catalyzing the installation of glass-based photovoltaic modules. Additionally, the growing consumer electronics sector in the region has proliferated the use of silica sand in producing specialty glass. The increasing demand for foundry sand in the automobile industry is further fueling the market growth. Apart from this, the expanding construction industry has significantly increased the use of silica sand in manufacturing various building materials. Rapid urbanization has propelled the demand for high-grade construction materials in both residential and commercial sectors. Furthermore, the growing infrastructural investments in various Asia Pacific countries, such as China, India, Japan, South Korea, Vietnam, etc., are also driving the market growth. Apart from

this, silica sand is also utilized during hydraulic fracturing. Numerous shale gas exploration activities, particularly in China and Australia, are also bolstering the market for silica sand in the region.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the Asia Pacific silica sand market report, along with forecasts at the regional and country level from 2023-2028. Our report has categorized the market based on end use.

Breakup by End Use:

- Glass Industry
- Foundry
- Hydraulic Fracturing
- Filtration
- Abrasives
- Others

Breakup by Country:

- China
- India
- Malaysia
- South Korea
- Japan
- Australia
- Others

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Chongqing Changjiang River Moulding Material (Group) Co. Ltd, Diatreme Resources Limited, JFE Mineral Company Ltd., Mangal Minerals, Mitsubishi Corporation, PUM Group, Raghav Productivity Enhancers Limited, Rock Energy International, TOCHU Corporation, VRX Silica Limited and Xinyi Golden Ruite Quartz Materials Co., Limited, etc.

Key Questions Answered in This Report:

How has the Asia Pacific silica sand market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the Asia Pacific silica sand market?

What is the breakup of the market based on the end use?

What is the breakup of the market based on the country?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the Asia Pacific silica sand market and who are the key players?

What is the degree of competition in the industry?

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