

Quartz Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global quartz market size reached US\$ 7.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 10.4 Billion by 2028, exhibiting a growth rate (CAGR) of 5.8% during 2023-2028.

Quartz refers to a solid, natural crystalline mineral, which is composed of silicon dioxide (SiO₂) and is abundantly discovered in various metamorphic, igneous, and sedimentary rocks. It possesses piezoelectric properties that assist in generating positive and negative charges on alternate prism edges, due to which it is used as a pressure gauge in depth-sounding apparatus. Apart from this, quartz is durable, corrosion-resistant, and highly tolerant to chemical and mineral weathering, on account of which it is extensively employed for manufacturing several electronic products. At present, quartz is commercially available in crystals, stones, pebbles, engineered, high-purity and crucible types.

Quartz Market Trends:

The widespread adoption of quartz in various industrial verticals, especially the electronics and semiconductor sectors, can be attributed to the increasing requirement of stable, high-performance resonators. They are used as a key component in filters and oscillators, which represents the prime factor currently driving the market toward growth. This is further supported by the rising sales of various electronic gadgets, including tablets, phones, desktops, and laptops, which, in turn, has intensified the demand for semiconductors. In line with this, rapid technological advancements, along with the extensive utilization of quartz crystals in the production of frequency filters, controllers, and timers in the electronic circuits is acting as another growth-inducing factor. Additionally, the increasing ongoing construction activities have prompted manufacturers and interior designers to employ quartz as a highly preferred engineering

stone for the indoor flooring application in commercial spaces, which is propelling the market growth. Other factors, such as the growing product usage to produce different gemstones, such as amethyst and citrine, for healing and spiritual purposes, along with continuous investments in research and development (R&D) activities for launching high purity quartz, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global quartz market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product and end user.

Breakup by Product:

- Quartz Surface and Tile
- High-Purity Quartz
- Quartz Glass
- Quartz Crystal
- Quartz Sand
- Others

Breakup by End User:

- Electronics and Semiconductor
- Solar
- Buildings and Construction
- Optical Fiber and Telecommunication
- Automotive
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea

Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Asahi Glass Co. Ltd., Caesarstone Ltd., Compagnie de Saint-Gobain S.A., Heraeus Holding, Jiangsu Pacific Quartz Co. Ltd., Kyocera Corporation, Momentive Technologies, Nihon Dempa Kogyo Co. Ltd., Quality Quartz Engineering Inc. (Conax Technologies LLC), Sibelco and The Quartz Corporation.

Key Questions Answered in This Report:

How has the global quartz market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global quartz market?
What are the key regional markets?
What is the breakup of the market based on the product?
What is the breakup of the market based on the end user?
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 global quartz market and who are the key players?
What is the degree of competition in the industry?

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