

# Global High-purity Synthetic Quartz Material Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global High-purity Synthetic Quartz Material market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Due to its higher purity and better optical performance, the high-purity synthetic quartz material has not only been widely used in the high-end optical field, but also meets the requirements of the semiconductor manufacturing process for the high-purity, pollution-free and high-temperature resistance of quartz products. Especially with the increasingly narrow line width of the semiconductor chip, the ordinary natural quartz material has been unable to meet the requirements of the high-end production process, Synthetic quartz has become an important part in the etching process of semiconductor chips below 10 nm. The strong demand for photomask also drives the demand for synthetic high-purity synthetic quartz materials.

This report studies the global High-purity Synthetic Quartz Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-purity Synthetic Quartz Material, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-purity Synthetic Quartz Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High-purity Synthetic Quartz Material total production and demand, 2018-2029,

(Tons)

Global High-purity Synthetic Quartz Material total production value, 2018-2029, (USD Million)

Global High-purity Synthetic Quartz Material production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High-purity Synthetic Quartz Material consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: High-purity Synthetic Quartz Material domestic production, consumption, key domestic manufacturers and share

Global High-purity Synthetic Quartz Material production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global High-purity Synthetic Quartz Material production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High-purity Synthetic Quartz Material production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global High-purity Synthetic Quartz Material market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Corning Inc, Heraeus, Tosoh Quartz Corporation, Shin-Etsu Quartz Products Co., Ltd, AdValue Technology, Sibelco, QSIL SE, AGC and DAICO MFG CO., Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-purity Synthetic Quartz Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global High-purity Synthetic Quartz Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global High-purity Synthetic Quartz Material Market, Segmentation by Type

Gas Phase Synthesis

Chemical Precipitation Method

Sol Gel Method

Liquid Phase Hydrolysis of Silicon Tetrachloride

#### Global High-purity Synthetic Quartz Material Market, Segmentation by Application

Semiconductor

Photovoltaic

Optical Communication

Electric Light Source

Others

Companies Profiled:

Corning Inc

Heraeus

Tosoh Quartz Corporation

Shin-Etsu Quartz Products Co., Ltd

AdValue Technology

Sibelco

QSIL SE

AGC

DAICO MFG CO., Ltd

Greentech

Agate Products Ltd (APL)

ANZAPLAN

Plan Optik AG

Hubei Feilihua Quartz Glass Co.,Ltd

Aura Optics Group Co., Ltd

Triumph Science&Technology Co.,Ltd

### Key Questions Answered

1. How big is the global High-purity Synthetic Quartz Material market?
2. What is the demand of the global High-purity Synthetic Quartz Material market?
3. What is the year over year growth of the global High-purity Synthetic Quartz Material market?
4. What is the production and production value of the global High-purity Synthetic Quartz Material market?
5. Who are the key producers in the global High-purity Synthetic Quartz Material market?
6. What are the growth factors driving the market demand?

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