

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) High-grade Fused Quartz Market 2018, Forecast to 2023

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# **Abstracts**

Fused quartz or fused silica is glass consisting of silica in amorphous (non-crystalline) form. It differs from traditional glasses in containing no other ingredients, which are typically added to glass to lower the melt temperature. Fused silica, therefore, has high working and melting temperatures. The optical and thermal properties of fused quartz are superior to those of other types of glass due to its purity. For these reasons, it finds use in situations such as semiconductor fabrication and laboratory equipment. It has better ultraviolet transmission than most other glasses, and so is used to make lenses and other optics for the ultraviolet spectrum. Its low coefficient of thermal expansion also makes it a useful material for precision mirror substrates.

# SCOPE OF THE REPORT:

This report focuses on the High-grade Fused Quartz in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Europe has the largest global export quantity and manufacturers in High-grade Fused Quartz market, while the North America is the second sales volume market for Highgrade Fused Quartz in 2017.

In the industry, Heraeus Holding profits most in 2017 and recent years, while Tosoh and Momentive ranked 2 and 3. The market share of them is 23.71%, 16.27% and 12.52% in 2017. The gap of market share is keep on enlarged due to different strategy. Nowadays, there are two mainly types of High-grade Fused Quartz, including Clear High-grade Fused Quartz and Opaque High-grade Fused Quartz. And Clear High-grade Fused Quartz is the main type for High-grade Fused Quartz, and the Clear High-grade Fused Quartz reached a sales volume of approximately 10656 M in 2017, with 78.70%



of global sales volume.

High-grade Fused Quartz technology is much mature now, and new enterprises can not surpass existing famous brands on reputation or design in the short term. So, the study group recommends the new entrants need to be considered carefully before enter into this field.

The worldwide market for High-grade Fused Quartz is expected to grow at a CAGR of roughly 6.7% over the next five years, will reach 640 million US\$ in 2023, from 430 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Heraeus Holding

Tosoh

Momentive

Qsil

Corning

Ohara Corporation

Nikon

United Lens

UQG Ltd

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)



South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Clear High-grade Fused Quartz

Opaque High-grade Fused Quartz

Market Segment by Applications, can be divided into

Semiconductor Industry

Precision and Detection Optics

Lamp Applications

Others

There are 15 Chapters to deeply display the global High-grade Fused Quartz market.

Chapter 1, to describe High-grade Fused Quartz Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of High-grade Fused Quartz, with sales, revenue, and price of High-grade Fused Quartz, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of High-grade Fused Quartz, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these



regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, High-grade Fused Quartz market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe High-grade Fused Quartz sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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