

# Global Fumed Silica Market Outlook to 2027

<https://marketpublishers.com/r/G1AD0E6A2D41EN.html>

Date: January 2022

Pages: 165

Price: US\$ 4,490.00 (Single User License)

ID: G1AD0E6A2D41EN

## Abstracts

Fumed Silica as a three-dimensional structure resulting in an increase in viscosity, thixotropic behavior when used as a reinforcing filler or thickener. According to BlueQuark Research & Consulting, the global Fumed Silica market is expected to witness a significant growth rate during the forecast period. Factors such as the increasing demand for Fumed Silica are driven by the surging Construction Industry and the demand for Fumed Silica in preparation of high-quality cement. The increasing demand for Fumed Silica in Agriculture as a fertilizer for crop enhancement and in the food and beverage industry is expected to propel the demand for Fumed Silica. The surging Pharmaceutical Industry is expected to further increase the demand for Fumed Silica in the forecasted years. However, the stringent government regulations on the use of fumed silica as it could affect the health of humans could hamper the growth of Fumed Silica in the forecasted years.

The Construction Industry is a prime consumer of Fumed Silica globally and is expected to drive the future market. The construction & building industry is the fastest-growing sector in the world. The increasing population has raised the demand for low-cost living and office spaces in large metropolitan cities. Countries have also been upgrading their infrastructure, which indirectly attracts foreign investments, thus increasing their growth rate. Fumed Silica is the second-largest material consumed by humans for construction after water. Fumed Silica is used in the construction industry to make high-performance concrete. Fumed Silica is capable of imparting high compressive strength, high flexural strength, increasing the toughness and durability of concrete, increasing the bond strength, increasing the electrical resistance of concrete, and decreasing the permeability of concrete to water. Fumed Silica is a highly pozzolanic material used in the construction industry to enhance concrete mechanical and durability properties. The increasing usage of high-quality concrete is expected to drive the Fumed Silica market in the forecasted years. More than 50% of the global GDP is generated in cities, and urbanization can lead to sustainable growth if managed well by increasing productivity.

Major global players in the industry were Tosoh Corporation, Wacker Chemie AG, Oriental Silicas Corporation, Nissan Chemical Corporation, Evonik Industries AG, among others.

The Asia Pacific has been the dominating region both in the production and consumption of Fumed Silica and is expected to continue at the same pace. The construction industry is on the rise due to the surge in urbanization in the region, increasing the demand for Fumed Silica in the forecasted years. The North American region is the second most dominating region with the United States dominating the market. The United States is one of the largest agricultural producers and users of agricultural fertilizers globally. Average pesticide expenditures in the United States were 5% in 2012 and 6.2% in 2016 of total farm expenditures. The demand for food crops has been surging and farmers have increased the use of fertilizers to enhance the crop output. Fumed Silica is extensively used in the pharmaceuticals industry as a glidant, filler, disintegrant, binder, lubricant, and sorbent. The overall economic impact of the pharmaceutical industry on the U.S. economy is substantial. The industry accounts for more than USD 2 trillion in economic output, representing nearly 5% of the total U.S. output. Moreover, the United States attracts most global venture capital investments in start-up biopharmaceutical enterprises. The Food and Beverage Industry is expected to reach USD 26,774 million in 2021 with user penetration expected to be around 32.7% by the end of 2021. Since the fumed silica is used extensively in the food and beverage industry to improve purity and desirability along with decolourizing liquid syrups, and purifying edible oil, the fumed silica market is expected to surge in the United States during the forecasted years.

In May 2021, Cabot Corporation has announced a joint venture with China National Bluestar Group to build a second Fumed Silica manufacturing facility in China.

Wacker Chemie AG has expanded its production facility by inaugurating a new facility in Charleston for fumed silica with an annual capacity of 13,000 metric tons for its HDK brand.

Global Fumed Silica Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Fumed Silica market by segmenting based on the Type (Hydrophobic Fumed Silica, Hydrophilic Fumed Silica), Application (Adhesives and Sealants, Coatings, Composites, Others), End-User Industry (Construction, Personal Care, Food and Beverage, Agriculture, Pharmaceuticals, Others), and Geography (Asia-Pacific, North America,

Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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