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Global Feed Grade Fumed Silica Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Feed Grade Fumed Silica market size is expected to reach $ 68.82 million by 2032, rising at a market growth of 3.1% CAGR during the forecast period (2026-2032).

Feed Grade Fumed Silica is a high-purity synthetic amorphous silicon dioxide produced by flame hydrolysis and supplied as a fine functional powder for animal-nutrition formulations. The core roles of Feed Grade Fumed Silica is anti-caking, flow improvement, liquid adsorption, carrier support and powder stabilization. Feed Grade Fumed Silica is particularly relevant for vitamins, trace minerals, choline chloride, organic acids, flavouring ingredients and mould-inhibitor preparations that may create moisture sensitivity, poor flowability or inaccurate dosing during premix production.

In the current market, global production of Feed Grade Fumed Silica is around 15,650 t, with an average selling price of about 3,450 USD per t EXW basis. The market remains a narrow subset of the broader fumed silica industry because most bulk feed silica demand is still addressed by precipitated silica rather than by flame-hydrolysis grades. Demand is concentrated in China, Europe, North America and selected Asian premix manufacturing centres, where industrial feed formulation, automated handling and documentation requirements are relatively developed.

The upstream chain of Feed Grade Fumed Silica includes chlorosilane feedstocks, hydrogen, oxygen, process energy, packaging materials and quality-controlled purification systems. Producers must manage specific surface area, moisture content, residual chloride, bulk density, particle aggregation, batch consistency and traceability while maintaining feed-use documentation. The downstream customer base includes vitamin premix manufacturers, mineral premix manufacturers, acidifier suppliers, choline

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chloride formulators, flavouring suppliers, mould-inhibitor producers, compound-feed plants, aquafeed processors and pet-food manufacturers. Procurement is generally based on annual framework supply, approved-supplier lists and repeated batch qualification, although smaller buyers may use spot purchases for replenishment or seasonal premix demand. Buyers normally evaluate adsorption performance, anti-caking efficiency, loss on drying, SiO? purity, lot consistency, packing integrity, certificates of analysis and regulatory declarations before approving a supplier. A representative gross margin for Feed-Grade Fumed Silica is estimated at 31%. The margin premium derives from flame-process capital intensity, low-density powder logistics, documentation requirements, customer validation cycles and the comparatively limited number of dedicated feed-compatible product grades.

From 2026 to 2032, demand should grow moderately faster than conventional feed additives because premix producers are increasing automation, reducing manual handling and tightening dosing consistency. Rising use of liquid vitamins, organic acids, oil-based flavouring systems, choline chloride and micro-ingredients should support demand for stronger adsorption and free-flow performance. Regulatory pressure will remain material because buyers must distinguish fumed silica from precipitated silica, silica gel and colloidal silica, even where different forms can share broader silicon-dioxide regulatory references. The main technology trend is towards more consistent low-moisture, high-purity grades with controlled BET surface area and stable powder-handling behaviour.

This report studies the global Feed Grade Fumed Silica production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Feed Grade Fumed Silica and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Feed Grade Fumed Silica that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Feed Grade Fumed Silica total production and demand, 2021-2032, (Tons)
Global Feed Grade Fumed Silica total production value, 2021-2032, (USD Million)
Global Feed Grade Fumed Silica production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)
Global Feed Grade Fumed Silica consumption by region & country, CAGR, 2021-2032 & (Tons)

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U.S. VS China: Feed Grade Fumed Silica domestic production, consumption, key domestic manufacturers and share
Global Feed Grade Fumed Silica production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)
Global Feed Grade Fumed Silica production by Surface Chemistry, production, value, CAGR, 2021-2032, (USD Million) & (Tons)
Global Feed Grade Fumed Silica production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Feed Grade Fumed Silica 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 Evonik, Wacker, Hubei Huifu Nanomaterial, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Feed Grade Fumed Silica 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 Surface Chemistry, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Feed Grade Fumed Silica Market, By Region:

United States

China

Europe

Japan

South Korea

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ASEAN

India

Rest of World

Global Feed Grade Fumed Silica Market, Segmentation by Surface Chemistry:

Hydrophilic Fumed Silica

Hydrophobic Fumed Silica

Global Feed Grade Fumed Silica Market, Segmentation by BET Surface Area:

Up to 150 m?/g

Above 150 to 250 m?/g

Above 250 m?/g

Global Feed Grade Fumed Silica Market, Segmentation by Application:

Vitamin Premixes

Mineral Premixes

Specialty Feed Additive

Compound Feed

Aquafeed

Pet Food

Other Feed Products

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Companies Profiled:

Evonik

Wacker

Hubei Huifu Nanomaterial

Key Questions Answered:
1. How big is the global Feed Grade Fumed Silica market?
2. What is the demand of the global Feed Grade Fumed Silica market?
3. What is the year over year growth of the global Feed Grade Fumed Silica market?
4. What is the production and production value of the global Feed Grade Fumed Silica market?
5. Who are the key producers in the global Feed Grade Fumed Silica market?
6. What are the growth factors driving the market demand?

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