

# At 6.6% CAGR, Global Nanosilica Market Size & Growth to Surpass US\$ 5.95 Bn By 2030, Forecast & Analysis Report By CMI

*Nanosilica Market was at US\$ 3.46 Billion in 2021 and is growing to approximately US\$ 5.95 Billion by 2030, with a CAGR growth of 6.6% between 2022 - 2030.*

SANDY, UTAH, UNITED STATES,  
September 2, 2022 /EINPresswire.com/  
-- According to the study, The [Global Nanosilica Market](#) was estimated at USD 3.46 billion in 2021 and is anticipated to reach around USD 5.95 Billion by 2030, growing at a CAGR of roughly 6.6% between 2022 and 2030.



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[Nanosilica Market](#): Overview

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The nanosilica has a wide range of applications in various end-use industry such as adhesive and sealant, paint and coating, biomedical, pharmaceutical, rubber and plastics, and many others. Nanosilica has large surface energy, strong surface adsorption due to its fine particle, high chemical purity, and good dispersion.

The global nanosilica market is evolving, and companies are now focusing more on strengthening and consolidating R&D activities; thereby, increasing the production capacity of nanosilica thus, driving the market growth by catering the need to nanosilica to various end-use industries..

Nanosilica Market: Growth Drivers

Increasing demand from the construction sector acts as one of the key factors responsible for

the growth of the global nanosilica market. The nanosilica are preferred over conventional coatings material due to their low volatile organic content. Nanosilica is used extensively in the construction industry by addition of nanoparticles will lead to stronger, more durable, self-healing, air purifying, fire resistant, easy to clean, and quick compacting concrete. For instance, according to an article published by Invest India in the year July 2022, the construction industry is expected to reach \$1.4 trillion by 2025. These factors are anticipated to increase the demand for nanosilica in the construction sector.

Furthermore, proliferating growth of the automotive sector has witnessed significant growth in the nanosilica market. The growing adoption of automotive displays, human-machine interface, and automated systems are being embedded in luxurious cars by several key manufacturer players including TATA Motors, Mahindra, Hyundai, Tesla, Ford, Audi, and others. The nanosilica are majorly employed in automotive tires, belts, and rubber ball bearings for longer durability, self-healing, hardness, and self-cleaning applications. These coatings possess various properties such as thermal insulation, anti-fingerprint, resistant to corrosion, and others. Thus, the growth of the automotive sector will drive the demand for nanosilica in the upcoming years.

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#### Key Insights:

- A) As per the analysis shared by our research analyst, the Nanosilica market is estimated to grow annually at a CAGR of around 6.6% over the forecast period (2022-2030).
- B) In terms of revenue, the Nanosilica market size was valued at around USD 3.46 billion in 2021 and is projected to reach USD 5.95 Billion by 2030. Due to a variety of driving factors, the market is predicted to rise at a significant rate.
- C) The nanosilica are preferred over conventional coatings material due to their low volatile organic content.
- D) The National Institute for Occupational Safety and Health (NIOSH) has set some standards and regulations on the use of nanosilica. This is predicted to hamper the growth of nanosilica market.
- E) The utilization of nanosilica is increased in the rubber and plastic industry where it is widely employed in the manufacturing of rubber as it helps in enhancing the mechanical strength of vulcanized rubber by acting as a reinforcing agent.

Press Release For Nanosilica Market: <https://www.custommarketinsights.com/press-releases/nanosilica-market/>

#### Regional Landscape

Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific is the dominant region in the nanosilica market. This region is also anticipated to maintain

its dominance throughout the forecast period. Countries such as China, Japan, India, and others have significant contributions to the growth of the nanosilica market in the region. Key factors for the growth of building and construction activity, agriculture practices, the paint, and coatings industry, and the growing automotive sector have surged the demand for nanosilica.

Furthermore, the building & construction, sector is one of the booming sectors in the US. For instance, according to a report published by the U.S. Census Bureau and the U.S. Department of Housing and Urban Development in the year June 2022, the privately owned housing units authorized by building permits in May were at a seasonally adjusted annual rate of 1,695,000 is 0.2% above the May 2021 rate. Owing to such factors the demand for nanosilica has increased. Thenanosilica is used in the building and construction activity for cementitious admixtures in concrete to deploy improved load carrying capacity. Since nano silica is extremely fine, it helps to strengthen the microstructure of the cementitious matrix as a result of its pozzolanic activity.

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### Key Players

Evonik Industries  
Akzonobel N.V.  
I. DU Pont De Nemours and Company  
Cabot Corporation  
Nanopore Incorporated  
Nanostructured & Amorphous Materials, Inc. (NANOAMOR)  
Fuso Chemical Co. Ltd.  
Wacker Chemie AG  
Dow Corning Corporation  
Bee Chems. AG  
Normet  
Nanosil (Asia Pacific) SdnBhd  
US Research Nanomaterials, Inc.

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The Nanosilica Market is segmented as follows:

### By Product Type

P-type  
S-type  
Type III

## By Application

- Concrete
- Rubber
- Electronics
- Healthcare
- Paint &Coatings
- Agriculture
- Plastics
- Others

## By Geography

### North America

- The USA
- Canada
- Mexico

### Europe

- The UK
- Germany
- France
- Italy
- Russia
- Rest of Europe

### Asia Pacific

- China
- India
- Japan
- South Korea
- Malaysia
- Philippines
- Rest of Asia-pacific

### Latin America

- Brazil
- Rest of Latin America

### Middle East and Africa

- GCC

North Africa  
South Africa  
Rest of Middle East & Africa

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