

Aerogel market growth analysis with investment opportunities

*The Business Research Company's
Aerogel Global Market Report 2024 –
Market Size, Trends, And Global Forecast
2024-2033*

LANDON, GREATER LONDON, UK, July 5, 2024 /EINPresswire.com/ -- The [aerogel market](#) has experienced robust growth in recent years, expanding from \$1.24 billion in 2023 to \$1.48 billion in

2024 at a compound annual growth rate (CAGR) of 18.8%. The growth in the historic period can be attributed to advancements in aerospace industry, energy efficiency initiatives, rising demand in oil and gas sector, medical and healthcare applications, expansion in electronics and consumer goods.



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Strong Future Growth Anticipated

The aerogel market is projected to continue its strong growth, reaching \$2.74 billion in 2028 at a compound annual growth rate (CAGR) of 16.7%. The growth in the forecast period can be attributed to oil and gas industry adoption, materials science advances, environmental remediation applications, medical and healthcare

application, automotive lightweighting.

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Growth driver of the aerogel market

The growing demand in the construction industry is expected to propel the growth of the aerogel market in the coming years. The construction sector is concerned with the building and maintenance of construction sites, infrastructure, and various other physical structures. It includes a variety of operations such as project planning, design, finance, and execution. Aerogels are used in the construction sector as lightweight insulation materials to improve the efficiency of energy and architectural insulation because of their low ability to conduct heat and



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high porosity.

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Major Players and Market Trends

Key players in the aerogel market include BASF SE, The Dow Chemical Company, Evonik Industries AG, Cabot Corporation, Alkegen, Armacell International S.A, Aspen Aerogels Inc., Nano High-Tech Co. Ltd., Aerosafe Global, Blueshift Materials Inc., Solarcore, Svenska Aerogel Holding AB, ENERSENS, Green Earth Aerogel Technologies, TAASI Corporation, Guangdong Alison Hi-Tech Co. Ltd., Aerogel Technologies LLC, Active Aerogels, Thermablok Aerogels Ltd., THERMULON LTD.

Major companies operating in the aerogel market are focusing on innovative products, such as aerogel particles intended to be used in lithium-ion battery thermal barriers. Aerogel particles are a form of material created from a gel in which the liquid part is replaced by gas, producing a solid with extraordinarily low density and thermal conductivity.

Segments:

- 1) By Type: Silica, Polymers, Carbon, Other Types
- 2) By Form: Blanket, Particle, Panel, Monolith
- 3) By End-Use: Oil And Gas, Building And Construction, Automotive, Aerospace And Marine, Performance Coatings, Other End-Users

Geographical Insights: North America Leading the Market

North America was the largest region in the aerogel market in 2023. Asia-Pacific is expected to be the fastest-growing region during the forecast period, driven by expanding healthcare facilities and increasing awareness of the benefits of aerogel.

Aerogel Market Definition

Aerogels refer to a class of lightweight and highly porous materials derived from a gel, where the liquid component is replaced with a gas, resulting in a substance that is extremely low in density and exhibiting remarkable thermal insulating properties and structural versatility. Aerogels have potential applications in medicine, such as drug delivery systems and wound dressings, due to their biocompatibility and porosity.

Aerogel Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Aerogel Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [aerogel market size](#), aerogel market drivers and trends, aerogel market major players, competitors' revenues, market positioning, and market growth across geographies. The aerogel market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 27 industries, spanning over 8000+ markets and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

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