

Global Aerogel Thermal Insulation Material Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G395FE6345BCEN.html>

Date: September 2026

Pages: 148

Price: US\$ 3,480.00 (Single User License)

ID: G395FE6345BCEN

Abstracts

According to our (Global Info Research) latest study, the global Aerogel Thermal Insulation Material market size was valued at US\$ 1072 million in 2025 and is forecast to a readjusted size of US\$ 2478 million by 2032 with a CAGR of 12.4% during review period.

Aerogel Thermal Insulation Material are commercial materials and engineered composites based on a highly porous solid network in which gas-filled nanoscale pores suppress heat transfer. The scope covers finished aerogel blankets, sheets and pads, powders and granules, and other formulated or shaped products supplied for thermal insulation, fire and thermal-runaway protection, light diffusion, acoustic control, and specialty functional uses. Flexible blankets generally combine silica aerogel with fibrous reinforcement, while sheets and pads may incorporate films, encapsulation layers, cushioning materials, or structural supports to meet dimensional, cleanliness, and handling requirements. Powders and granules are supplied as functional additives or loose-fill media for coatings, plasters, panels, daylighting systems, and other composite materials. The market is analyzed by product form, reinforcement substrate, sales channel, application, and region. Reinforcement categories include glass fiber, pre-oxidized fiber, and other specialty substrates, while channel analysis distinguishes direct and indirect sales. End-use coverage includes oil and gas, construction, electric vehicles, cold insulation, aerospace and defense, and other applications.

Key Findings

Global Aerogel Thermal Insulation Material sales volume reached 24,142 tons in

2025, reflecting continued commercialization across industrial insulation, battery protection, construction materials, and specialty thermal-management applications.

The global average selling price was approximately US\$43.17 per kilogram in 2025.

Aerogel blankets remained the principal commercial product form. Demand was concentrated in refining, petrochemical processing, high-temperature equipment, LNG, cryogenic pipelines, and other applications where limited installation space increases the value of thin insulation systems.

Battery thermal barriers represented a higher-value growth segment. Product requirements extend beyond thermal conductivity to include thermal-runaway propagation control, dielectric insulation, compression durability, vibration resistance, and low particle shedding.

Aerogel powders and granules broadened the market beyond conventional insulation blankets. These products are increasingly incorporated into insulating coatings, plasters, building materials, industrial energy-saving materials, and formulated thermal barriers.

Market Trends

Aerogel product development is moving toward thinner, cleaner, application-specific composite systems. Industrial customers increasingly purchase prefabricated blankets, laminated cold-service products, shaped components, and fire-protection assemblies rather than undifferentiated aerogel material. Battery customers require thin pads or barriers that combine insulation, flame resistance, electrical isolation, compression management, and low particle shedding. Construction and coatings formulators are using aerogel particles as functional additives, which expands addressable demand without requiring customers to process fragile monolithic aerogel. Supplier disclosures also show that growth is uneven. Electric-vehicle thermal-barrier demand can change rapidly when incentive frameworks, vehicle programs, or OEM sourcing plans are revised. Industrial, LNG, subsea, and cryogenic demand follows a project cycle and has longer qualification periods, but it is supported by energy-efficiency, corrosion-control, and space-saving requirements. Recent product launches and manufacturing investment in low-dust, high-temperature, and cryogenic blankets indicate that suppliers

are prioritizing product differentiation and regional availability over undifferentiated capacity expansion.

Market Dynamics

Drivers

Demand is driven by the ability of aerogel products to provide high thermal resistance within limited thickness and weight. In oil and gas, refining, chemical processing, LNG, offshore, and district-energy systems, aerogel blankets reduce heat loss and fit congested piping or equipment configurations. Hydrophobic products also support corrosion-under-insulation mitigation when they are incorporated into correctly designed insulation systems. Electric vehicles and battery energy storage create another important demand source because cell-to-cell barriers must delay thermal propagation without materially reducing pack energy density. Construction demand is supported by insulating plasters, composite panels, cavity-fill products, and daylighting systems where conventional insulation thickness or transparency is unsuitable. Aerospace and defense applications value low mass, temperature resistance, and the ability to formulate aerogel into specialized composites. These drivers favor engineered products with verified thermal, fire, mechanical, and environmental performance rather than basic aerogel powder sold only on nominal thermal conductivity.

Restraints

Aerogel adoption still depends on total installed economics. The material must generate sufficient value through reduced insulation thickness, lower heat loss, easier maintenance, improved battery safety, or longer asset life to justify material processing and qualification costs. Dust generation during cutting and installation remains an operational issue for some blanket products and requires ventilation, appropriate personal protection, controlled cutting, and dry-vacuum cleaning. Below-ambient and cryogenic systems also require correct vapor-barrier design; poor installation can allow moisture ingress and reduce system performance. Aerogel monoliths are intrinsically fragile, so commercial products usually require fiber reinforcement, encapsulation, coatings, or other composite structures. These additional processing steps increase manufacturing complexity and create differences in flexibility, particle shedding, compressive behavior, fire performance, and durability. Customers therefore compare complete insulation or thermal-protection systems rather than thermal conductivity

alone.

Opportunities

The strongest opportunities lie in applications where conventional materials cannot simultaneously meet space, weight, fire, and thermal requirements. LNG terminals, industrial-gas facilities, subsea systems, hydrogen-related infrastructure, and dual-temperature equipment create demand for flexible products that can withstand cold operating conditions and repeated thermal cycling. Industrial retrofit projects offer another opportunity because aerogel blankets can improve thermal performance without major changes to pipe spacing, cladding, or supporting structures. In batteries, suppliers can extend beyond loose material into cell-to-cell pads, module barriers, pack-level fire protection, and integrated cushioning components. Powder and granule suppliers can expand through insulating coatings, plasters, composite boards, films, foams, and other formulated systems. Growth will increasingly depend on collaboration with converters, coating formulators, battery-component manufacturers, engineering contractors, and OEMs. Suppliers that provide testing support, fabrication guidance, application design, and regional technical service can capture more value than producers competing mainly on raw material price.

Challenges

The principal commercial challenge is converting announced capacity into qualified, consistently utilized production. Aerogel facilities require control over sol-gel chemistry, hydrophobic treatment, drying, fiber impregnation, lamination, and finishing. Small variations can affect density, thermal conductivity, dusting, thickness tolerance, and mechanical integrity. Automotive, energy, aerospace, and industrial customers also use lengthy validation procedures, so a newly completed line may not immediately generate marketable output. Customer concentration creates further volatility when a major vehicle platform, industrial project, or procurement program is delayed. Recent supplier restructuring and reassessment of previously planned capacity show that demand forecasts must be linked to identifiable customer programs rather than broad end-market growth assumptions. At the same time, rapid expansion by multiple producers can intensify price competition in standard blankets and powders. Sustainable differentiation will depend on stable quality, application certification, reliable delivery, conversion capability, and proven performance under actual operating conditions.

Industry Chain Analysis

The upstream chain includes silica sources, organosilicon modifiers, solvents, catalysts, reinforcing fibers, films, adhesives, coatings, and packaging materials. Silica aerogel is generally produced through sol-gel formation followed by aging, surface modification, and controlled drying that preserves the porous structure. Blanket production adds fiber impregnation and composite forming, commonly using glass fiber, pre-oxidized fiber, or other temperature-resistant substrates. Sheets and pads require further converting steps such as lamination, encapsulation, coating, die cutting, compression control, and cleanliness treatment. Powder and granule products may be classified by particle size, hydrophobicity, optical properties, and compatibility with different formulation systems. Midstream participants include aerogel producers, blanket manufacturers, specialty converters, coating formulators, insulation-system suppliers, and component assemblers. Downstream customers include EPC contractors, industrial asset owners, building-material producers, battery manufacturers, automotive component suppliers, aerospace contractors, distributors, and maintenance-service providers.

Value Chain Analysis

Value creation shifts significantly by product form. Powder suppliers create value through pore structure, surface treatment, particle consistency, and formulation compatibility. Blanket manufacturers add reinforcement design, temperature capability, hydrophobicity, dimensional control, and installation performance. Sheet and pad converters add further value through low-dust encapsulation, compression management, electrical insulation, flame protection, precision cutting, and integration into customer assemblies. In industrial projects, technical selection, insulation-system design, prefabrication, installation support, inspection access, and lifecycle performance influence purchasing decisions. In automotive applications, value is concentrated in co-development, testing, traceability, high-volume consistency, and platform qualification. Direct sales are therefore central to large industrial, automotive, aerospace, and customized projects. Indirect channels remain relevant for standard blankets, construction additives, maintenance demand, and geographically dispersed smaller customers. Companies positioned across material production, converting, and application engineering generally have greater control over qualification and customer retention, although their capital requirements and exposure to project delays are also higher.

Segment Insights

Aerogel blankets serve the widest range of industrial insulation conditions because they combine thermal performance with flexibility and field installation. High-temperature blankets are used on pipes, vessels, process equipment, power systems, and industrial furnaces. Cold-service blankets require suitable moisture and vapor-management structures and are applied in LNG, industrial gases, refrigeration, offshore, and other low-temperature systems. Aerogel sheets and pads are more strongly associated with confined or precision applications. Battery products are commonly laminated, encapsulated, or combined with cushioning and flame-resistant layers to control particles and accommodate cell movement. Powder and granule products support insulating coatings, plaster, boards, daylighting, and specialty formulations. Other aerogel products include shaped parts, composite panels, preformed insulation, fire-protection assemblies, and application-specific functional materials. The competitive basis therefore varies by segment. Blankets compete on installation performance and temperature range, pads on dimensional consistency and qualification, and powders on dispersion and formulation compatibility.

Glass fiber is the mainstream reinforcement for general industrial blankets because it offers established processing, flexibility, and cost efficiency. Pre-oxidized fiber is used where higher temperature resistance, fire performance, or lower thermal shrinkage is required, including selected industrial and battery-protection products. Other substrates include ceramic fibers and specialty nonwovens designed for severe temperature, mechanical, or cleanliness conditions. The reinforcement substrate cannot be evaluated independently from aerogel loading, binder systems, hydrophobic treatment, thickness, density, and surface finishing. Channel structure also differs by product. Direct sales are important for oil and gas projects, automotive programs, cold-service systems, aerospace applications, and custom components because suppliers must participate in specification, testing, and technical support. Distributors and indirect channels are more suitable for maintenance products, standardized insulation blankets, construction additives, and smaller-volume customers. Channel effectiveness depends on local inventory, fabrication capability, application knowledge, and the ability to manage technical claims accurately.

Downstream Market Opportunities

Oil and gas remains a technically important downstream market. Refining, petrochemical, offshore, subsea, and pipeline operators require heat conservation,

personnel protection, corrosion mitigation, passive fire protection, and insulation in restricted spaces. Cold insulation is developing as a more specialized segment because LNG, industrial gases, refrigeration, and dual-temperature equipment require coordinated control of thermal transfer and moisture. These projects favor certified blanket systems, vapor-management layers, prefabricated components, and experienced installation support. Demand is project-based, so supplier performance depends on engineering specifications, approved-vendor status, project timing, and maintenance cycles. Products that reduce insulation thickness or allow easier inspection can create economic value beyond energy savings.

Electric vehicles represent a large application-development opportunity, but demand visibility depends on vehicle platforms and battery architecture. Aerogel products can be placed between cells, between modules, around battery packs, or within integrated fire-protection components. Suppliers must adapt product thickness, compressibility, particle control, dielectric properties, and flame performance to each design. Construction provides a broader but more price-sensitive opportunity through insulation plaster, panels, cavity fill, architectural membranes, and daylighting systems. Aerospace and defense remain lower-volume specialty markets that value weight reduction, extreme-temperature performance, and custom geometry. Additional opportunities may emerge in energy storage, high-temperature electronics, protective clothing, household appliances, acoustic materials, and advanced functional composites.

Regional Insights

North America is an important market for automotive thermal barriers, refining, petrochemical facilities, LNG, subsea projects, and advanced aerospace applications. The region has established aerogel technology suppliers and demanding qualification standards, but automotive demand has recently shown greater sensitivity to policy and OEM program changes. Europe combines industrial energy-efficiency demand with building renovation, offshore energy, automotive safety, and increasingly stringent environmental requirements. European customers place strong emphasis on certified performance, worker exposure, lifecycle energy savings, and compatibility with existing insulation systems.

China has a broad manufacturing base covering blankets, powders, battery pads, coatings, and other composite products. Local suppliers benefit from proximity to battery, petrochemical, construction, and industrial customers, as well as lower conversion costs and faster customization. Competition is intense in standardized

products, so leading suppliers are moving toward cleaner pads, pre-oxidized-fiber blankets, cold-service systems, and engineered components. Other Asian markets are becoming more relevant for regional manufacturing and industrial energy projects. Armacell's new aerogel facility in India illustrates the regionalization of supply for high-temperature and cryogenic products. Japan and South Korea remain important for advanced materials, electronics, automotive, and precision industrial applications, while the Middle East offers project opportunities in LNG, petrochemicals, and energy infrastructure.

Competitive Landscape Analysis

The competitive landscape includes dedicated aerogel technology companies, diversified silica-material producers, insulation-system suppliers, and specialized Chinese manufacturers. Aspen Aerogels has a strong position in industrial blankets and automotive thermal barriers. Cabot Corporation supplies aerogel particles and blankets for construction, coatings, daylighting, industrial insulation, and battery applications. Armacell focuses on flexible high-temperature, cryogenic, and dual-temperature aerogel insulation systems. Chinese suppliers cover a wide range of blankets, powders, pads, and converted components and compete through cost, local engineering support, customization, and shorter delivery cycles.

Competitive advantage is increasingly determined at the application level. Industrial customers prioritize project references, corrosion control, temperature range, low dust, fabrication efficiency, and installation support. Automotive customers focus on thermal-propagation performance, particle control, compression behavior, traceability, automated converting, and stable high-volume supply. Construction customers require formulation compatibility and acceptable system cost. Capacity alone is therefore an incomplete indicator of market position. Effective capacity must be supported by stable production, qualified products, repeat customers, and commercially viable utilization. Future consolidation may occur through partnerships between aerogel producers, converters, insulation companies, and battery-component manufacturers, while less differentiated blanket and powder suppliers face stronger price pressure.

Report Scope

This report is a detailed and comprehensive analysis for global Aerogel Thermal Insulation Material market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Aerogel Thermal Insulation Material market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Aerogel Thermal Insulation Material market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Aerogel Thermal Insulation Material market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Aerogel Thermal Insulation Material market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Aerogel Thermal Insulation Material

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Aerogel Thermal Insulation Material market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Aspen, Cabot, IBIH, Nanotechnology, Guangdong Alison High-tech, Zhongning Technology, Armacell, Enersens, Van-Research, Aerospace Wujiang, etc.

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

Aerogel Thermal Insulation Material market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market Segmentation

Market segment by Type

Aerogel Blankets

Aerogel Sheets/Pads

Powders and Granules

Others

Market segment by Reinforced Material

Glass Fiber

Preoxidized Fiber

Other

Market segment by Channel

Direct Sale

Indirect Sale

Market segment by Application

Oil and Gas

Construction

EV

Cold Insulation Materials

Aerospace and Defense

Others

Major players covered

Aspen

Cabot

IBIH

Nanotechnology

Guangdong Alison High-tech

Zhongning Technology

Armacell

Enersens

Van-Research

Aerospace Wujiang

Aerogel Technologies

Jiangsu Jiayun New Materials

Zhongke Runzi Technology

Active Aerogels

Xiamen Namet

Benarx

Hualu Aerogel

Zhejiang UGOO Technology

Haiying Special Materials

Pan Asian Microvent Tech

Chenguang New Materials

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

Chapter Outline

Chapter 1, to describe Aerogel Thermal Insulation Material product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aerogel Thermal Insulation Material, with price, sales quantity, revenue, and global market share of Aerogel Thermal Insulation Material from 2021 to 2026.

Chapter 3, the Aerogel Thermal Insulation Material competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aerogel Thermal Insulation Material breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Aerogel Thermal Insulation Material market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aerogel Thermal Insulation Material.

Chapter 14 and 15, to describe Aerogel Thermal Insulation Material sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Aerogel Thermal Insulation Material Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Aerogel Blankets

1.3.3 Aerogel Sheets/Pads

1.3.4 Powders and Granules

1.3.5 Others

1.4 Market Analysis by Reinforced Material

1.4.1 Overview: Global Aerogel Thermal Insulation Material Consumption Value by Reinforced Material: 2021 Versus 2025 Versus 2032

1.4.2 Glass Fiber

1.4.3 Preoxidized Fiber

1.4.4 Other

1.5 Market Analysis by Channel

1.5.1 Overview: Global Aerogel Thermal Insulation Material Consumption Value by Channel: 2021 Versus 2025 Versus 2032

1.5.2 Direct Sale

1.5.3 Indirect Sale

1.6 Market Analysis by Application

1.6.1 Overview: Global Aerogel Thermal Insulation Material Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Oil and Gas

1.6.3 Construction

1.6.4 EV

1.6.5 Cold Insulation Materials

1.6.6 Aerospace and Defense

1.6.7 Others

1.7 Global Aerogel Thermal Insulation Material Market Size & Forecast

1.7.1 Global Aerogel Thermal Insulation Material Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Aerogel Thermal Insulation Material Sales Quantity (2021-2032)

1.7.3 Global Aerogel Thermal Insulation Material Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Aspen

2.1.1 Aspen Details

2.1.2 Aspen Major Business

2.1.3 Aspen Aerogel Thermal Insulation Material Product and Services

2.1.4 Aspen Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Aspen Recent Developments/Updates

2.2 Cabot

2.2.1 Cabot Details

2.2.2 Cabot Major Business

2.2.3 Cabot Aerogel Thermal Insulation Material Product and Services

2.2.4 Cabot Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Cabot Recent Developments/Updates

2.3 IBIH

2.3.1 IBIH Details

2.3.2 IBIH Major Business

2.3.3 IBIH Aerogel Thermal Insulation Material Product and Services

2.3.4 IBIH Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 IBIH Recent Developments/Updates

2.4 Nanotechnology

2.4.1 Nanotechnology Details

2.4.2 Nanotechnology Major Business

2.4.3 Nanotechnology Aerogel Thermal Insulation Material Product and Services

2.4.4 Nanotechnology Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Nanotechnology Recent Developments/Updates

2.5 Guangdong Alison High-tech

2.5.1 Guangdong Alison High-tech Details

2.5.2 Guangdong Alison High-tech Major Business

2.5.3 Guangdong Alison High-tech Aerogel Thermal Insulation Material Product and Services

2.5.4 Guangdong Alison High-tech Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Guangdong Alison High-tech Recent Developments/Updates

2.6 Zhongning Technology

- 2.6.1 Zhongning Technology Details
- 2.6.2 Zhongning Technology Major Business
- 2.6.3 Zhongning Technology Aerogel Thermal Insulation Material Product and Services
- 2.6.4 Zhongning Technology Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 Zhongning Technology Recent Developments/Updates
- 2.7 Armacell
 - 2.7.1 Armacell Details
 - 2.7.2 Armacell Major Business
 - 2.7.3 Armacell Aerogel Thermal Insulation Material Product and Services
 - 2.7.4 Armacell Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 Armacell Recent Developments/Updates
- 2.8 Enersens
 - 2.8.1 Enersens Details
 - 2.8.2 Enersens Major Business
 - 2.8.3 Enersens Aerogel Thermal Insulation Material Product and Services
 - 2.8.4 Enersens Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 Enersens Recent Developments/Updates
- 2.9 Van-Research
 - 2.9.1 Van-Research Details
 - 2.9.2 Van-Research Major Business
 - 2.9.3 Van-Research Aerogel Thermal Insulation Material Product and Services
 - 2.9.4 Van-Research Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 Van-Research Recent Developments/Updates
- 2.10 Aerospace Wujiang
 - 2.10.1 Aerospace Wujiang Details
 - 2.10.2 Aerospace Wujiang Major Business
 - 2.10.3 Aerospace Wujiang Aerogel Thermal Insulation Material Product and Services
 - 2.10.4 Aerospace Wujiang Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Aerospace Wujiang Recent Developments/Updates
- 2.11 Aerogel Technologies
 - 2.11.1 Aerogel Technologies Details
 - 2.11.2 Aerogel Technologies Major Business
 - 2.11.3 Aerogel Technologies Aerogel Thermal Insulation Material Product and

Services

2.11.4 Aerogel Technologies Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Aerogel Technologies Recent Developments/Updates

2.12 Jiangsu Jiayun New Materials

2.12.1 Jiangsu Jiayun New Materials Details

2.12.2 Jiangsu Jiayun New Materials Major Business

2.12.3 Jiangsu Jiayun New Materials Aerogel Thermal Insulation Material Product and Services

2.12.4 Jiangsu Jiayun New Materials Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Jiangsu Jiayun New Materials Recent Developments/Updates

2.13 Zhongke Runzi Technology

2.13.1 Zhongke Runzi Technology Details

2.13.2 Zhongke Runzi Technology Major Business

2.13.3 Zhongke Runzi Technology Aerogel Thermal Insulation Material Product and Services

2.13.4 Zhongke Runzi Technology Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Zhongke Runzi Technology Recent Developments/Updates

2.14 Active Aerogels

2.14.1 Active Aerogels Details

2.14.2 Active Aerogels Major Business

2.14.3 Active Aerogels Aerogel Thermal Insulation Material Product and Services

2.14.4 Active Aerogels Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 Active Aerogels Recent Developments/Updates

2.15 Xiamen Namet

2.15.1 Xiamen Namet Details

2.15.2 Xiamen Namet Major Business

2.15.3 Xiamen Namet Aerogel Thermal Insulation Material Product and Services

2.15.4 Xiamen Namet Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 Xiamen Namet Recent Developments/Updates

2.16 Benarx

2.16.1 Benarx Details

2.16.2 Benarx Major Business

2.16.3 Benarx Aerogel Thermal Insulation Material Product and Services

2.16.4 Benarx Aerogel Thermal Insulation Material Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 Benarx Recent Developments/Updates

2.17 Hualu Aerogel

2.17.1 Hualu Aerogel Details

2.17.2 Hualu Aerogel Major Business

2.17.3 Hualu Aerogel Aerogel Thermal Insulation Material Product and Services

2.17.4 Hualu Aerogel Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 Hualu Aerogel Recent Developments/Updates

2.18 Zhejiang UGOO Technology

2.18.1 Zhejiang UGOO Technology Details

2.18.2 Zhejiang UGOO Technology Major Business

2.18.3 Zhejiang UGOO Technology Aerogel Thermal Insulation Material Product and Services

2.18.4 Zhejiang UGOO Technology Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Zhejiang UGOO Technology Recent Developments/Updates

2.19 Haiying Special Materials

2.19.1 Haiying Special Materials Details

2.19.2 Haiying Special Materials Major Business

2.19.3 Haiying Special Materials Aerogel Thermal Insulation Material Product and Services

2.19.4 Haiying Special Materials Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.19.5 Haiying Special Materials Recent Developments/Updates

2.20 Pan Asian Microvent Tech

2.20.1 Pan Asian Microvent Tech Details

2.20.2 Pan Asian Microvent Tech Major Business

2.20.3 Pan Asian Microvent Tech Aerogel Thermal Insulation Material Product and Services

2.20.4 Pan Asian Microvent Tech Aerogel Thermal Insulation Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.20.5 Pan Asian Microvent Tech Recent Developments/Updates

2.21 Chenguang New Materials

2.21.1 Chenguang New Materials Details

2.21.2 Chenguang New Materials Major Business

2.21.3 Chenguang New Materials Aerogel Thermal Insulation Material Product and Services

2.21.4 Chenguang New Materials Aerogel Thermal Insulation Material Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.21.5 Chenguang New Materials Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AEROGEL THERMAL INSULATION MATERIAL BY MANUFACTURER

3.1 Global Aerogel Thermal Insulation Material Sales Quantity by Manufacturer (2021-2026)

3.2 Global Aerogel Thermal Insulation Material Revenue by Manufacturer (2021-2026)

3.3 Global Aerogel Thermal Insulation Material Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Aerogel Thermal Insulation Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Aerogel Thermal Insulation Material Manufacturer Market Share in 2025

3.4.3 Top 6 Aerogel Thermal Insulation Material Manufacturer Market Share in 2025

3.5 Aerogel Thermal Insulation Material Market: Overall Company Footprint Analysis

3.5.1 Aerogel Thermal Insulation Material Market: Region Footprint

3.5.2 Aerogel Thermal Insulation Material Market: Company Product Type Footprint

3.5.3 Aerogel Thermal Insulation Material Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Aerogel Thermal Insulation Material Market Size by Region

4.1.1 Global Aerogel Thermal Insulation Material Sales Quantity by Region (2021-2032)

4.1.2 Global Aerogel Thermal Insulation Material Consumption Value by Region (2021-2032)

4.1.3 Global Aerogel Thermal Insulation Material Average Price by Region (2021-2032)

4.2 North America Aerogel Thermal Insulation Material Consumption Value (2021-2032)

4.3 Europe Aerogel Thermal Insulation Material Consumption Value (2021-2032)

4.4 Asia-Pacific Aerogel Thermal Insulation Material Consumption Value (2021-2032)

4.5 South America Aerogel Thermal Insulation Material Consumption Value (2021-2032)

4.6 Middle East & Africa Aerogel Thermal Insulation Material Consumption Value

(2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2032)

5.2 Global Aerogel Thermal Insulation Material Consumption Value by Type
(2021-2032)

5.3 Global Aerogel Thermal Insulation Material Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Aerogel Thermal Insulation Material Sales Quantity by Application
(2021-2032)

6.2 Global Aerogel Thermal Insulation Material Consumption Value by Application
(2021-2032)

6.3 Global Aerogel Thermal Insulation Material Average Price by Application
(2021-2032)

7 NORTH AMERICA

7.1 North America Aerogel Thermal Insulation Material Sales Quantity by Type
(2021-2032)

7.2 North America Aerogel Thermal Insulation Material Sales Quantity by Application
(2021-2032)

7.3 North America Aerogel Thermal Insulation Material Market Size by Country

7.3.1 North America Aerogel Thermal Insulation Material Sales Quantity by Country
(2021-2032)

7.3.2 North America Aerogel Thermal Insulation Material Consumption Value by
Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2032)

8.2 Europe Aerogel Thermal Insulation Material Sales Quantity by Application
(2021-2032)

8.3 Europe Aerogel Thermal Insulation Material Market Size by Country

8.3.1 Europe Aerogel Thermal Insulation Material Sales Quantity by Country
(2021-2032)

8.3.2 Europe Aerogel Thermal Insulation Material Consumption Value by Country
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Type
(2021-2032)

9.2 Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Application
(2021-2032)

9.3 Asia-Pacific Aerogel Thermal Insulation Material Market Size by Region

9.3.1 Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Region
(2021-2032)

9.3.2 Asia-Pacific Aerogel Thermal Insulation Material Consumption Value by Region
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Aerogel Thermal Insulation Material Sales Quantity by Type
(2021-2032)

10.2 South America Aerogel Thermal Insulation Material Sales Quantity by Application
(2021-2032)

10.3 South America Aerogel Thermal Insulation Material Market Size by Country

10.3.1 South America Aerogel Thermal Insulation Material Sales Quantity by Country
(2021-2032)

10.3.2 South America Aerogel Thermal Insulation Material Consumption Value by
Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Aerogel Thermal Insulation Material Market Size by Country

11.3.1 Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Aerogel Thermal Insulation Material Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Aerogel Thermal Insulation Material Market Drivers

12.2 Aerogel Thermal Insulation Material Market Restraints

12.3 Aerogel Thermal Insulation Material Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Aerogel Thermal Insulation Material and Key Manufacturers

13.2 Manufacturing Costs Percentage of Aerogel Thermal Insulation Material

13.3 Aerogel Thermal Insulation Material Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Aerogel Thermal Insulation Material Typical Distributors

14.3 Aerogel Thermal Insulation Material Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Aerogel Thermal Insulation Material Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Aerogel Thermal Insulation Material Consumption Value by Reinforced Material, (USD Million), 2021 & 2025 & 2032

Table 3. Global Aerogel Thermal Insulation Material Consumption Value by Channel, (USD Million), 2021 & 2025 & 2032

Table 4. Global Aerogel Thermal Insulation Material Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Aspen Basic Information, Manufacturing Base and Competitors

Table 6. Aspen Major Business

Table 7. Aspen Aerogel Thermal Insulation Material Product and Services

Table 8. Aspen Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Aspen Recent Developments/Updates

Table 10. Cabot Basic Information, Manufacturing Base and Competitors

Table 11. Cabot Major Business

Table 12. Cabot Aerogel Thermal Insulation Material Product and Services

Table 13. Cabot Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Cabot Recent Developments/Updates

Table 15. IBIH Basic Information, Manufacturing Base and Competitors

Table 16. IBIH Major Business

Table 17. IBIH Aerogel Thermal Insulation Material Product and Services

Table 18. IBIH Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. IBIH Recent Developments/Updates

Table 20. Nanotechnology Basic Information, Manufacturing Base and Competitors

Table 21. Nanotechnology Major Business

Table 22. Nanotechnology Aerogel Thermal Insulation Material Product and Services

Table 23. Nanotechnology Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Nanotechnology Recent Developments/Updates

Table 25. Guangdong Alison High-tech Basic Information, Manufacturing Base and Competitors

Table 26. Guangdong Alison High-tech Major Business
Table 27. Guangdong Alison High-tech Aerogel Thermal Insulation Material Product and Services
Table 28. Guangdong Alison High-tech Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 29. Guangdong Alison High-tech Recent Developments/Updates
Table 30. Zhongning Technology Basic Information, Manufacturing Base and Competitors
Table 31. Zhongning Technology Major Business
Table 32. Zhongning Technology Aerogel Thermal Insulation Material Product and Services
Table 33. Zhongning Technology Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 34. Zhongning Technology Recent Developments/Updates
Table 35. Armacell Basic Information, Manufacturing Base and Competitors
Table 36. Armacell Major Business
Table 37. Armacell Aerogel Thermal Insulation Material Product and Services
Table 38. Armacell Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 39. Armacell Recent Developments/Updates
Table 40. Enersens Basic Information, Manufacturing Base and Competitors
Table 41. Enersens Major Business
Table 42. Enersens Aerogel Thermal Insulation Material Product and Services
Table 43. Enersens Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 44. Enersens Recent Developments/Updates
Table 45. Van-Research Basic Information, Manufacturing Base and Competitors
Table 46. Van-Research Major Business
Table 47. Van-Research Aerogel Thermal Insulation Material Product and Services
Table 48. Van-Research Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 49. Van-Research Recent Developments/Updates
Table 50. Aerospace Wujiang Basic Information, Manufacturing Base and Competitors
Table 51. Aerospace Wujiang Major Business

Table 52. Aerospace Wujiang Aerogel Thermal Insulation Material Product and Services

Table 53. Aerospace Wujiang Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Aerospace Wujiang Recent Developments/Updates

Table 55. Aerogel Technologies Basic Information, Manufacturing Base and Competitors

Table 56. Aerogel Technologies Major Business

Table 57. Aerogel Technologies Aerogel Thermal Insulation Material Product and Services

Table 58. Aerogel Technologies Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Aerogel Technologies Recent Developments/Updates

Table 60. Jiangsu Jiayun New Materials Basic Information, Manufacturing Base and Competitors

Table 61. Jiangsu Jiayun New Materials Major Business

Table 62. Jiangsu Jiayun New Materials Aerogel Thermal Insulation Material Product and Services

Table 63. Jiangsu Jiayun New Materials Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Jiangsu Jiayun New Materials Recent Developments/Updates

Table 65. Zhongke Runzi Technology Basic Information, Manufacturing Base and Competitors

Table 66. Zhongke Runzi Technology Major Business

Table 67. Zhongke Runzi Technology Aerogel Thermal Insulation Material Product and Services

Table 68. Zhongke Runzi Technology Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. Zhongke Runzi Technology Recent Developments/Updates

Table 70. Active Aerogels Basic Information, Manufacturing Base and Competitors

Table 71. Active Aerogels Major Business

Table 72. Active Aerogels Aerogel Thermal Insulation Material Product and Services

Table 73. Active Aerogels Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. Active Aerogels Recent Developments/Updates

Table 75. Xiamen Namet Basic Information, Manufacturing Base and Competitors

Table 76. Xiamen Namet Major Business

Table 77. Xiamen Namet Aerogel Thermal Insulation Material Product and Services

Table 78. Xiamen Namet Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Xiamen Namet Recent Developments/Updates

Table 80. Benarx Basic Information, Manufacturing Base and Competitors

Table 81. Benarx Major Business

Table 82. Benarx Aerogel Thermal Insulation Material Product and Services

Table 83. Benarx Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Benarx Recent Developments/Updates

Table 85. Hualu Aerogel Basic Information, Manufacturing Base and Competitors

Table 86. Hualu Aerogel Major Business

Table 87. Hualu Aerogel Aerogel Thermal Insulation Material Product and Services

Table 88. Hualu Aerogel Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Hualu Aerogel Recent Developments/Updates

Table 90. Zhejiang UGOO Technology Basic Information, Manufacturing Base and Competitors

Table 91. Zhejiang UGOO Technology Major Business

Table 92. Zhejiang UGOO Technology Aerogel Thermal Insulation Material Product and Services

Table 93. Zhejiang UGOO Technology Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 94. Zhejiang UGOO Technology Recent Developments/Updates

Table 95. Haiying Special Materials Basic Information, Manufacturing Base and Competitors

Table 96. Haiying Special Materials Major Business

Table 97. Haiying Special Materials Aerogel Thermal Insulation Material Product and Services

Table 98. Haiying Special Materials Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 99. Haiying Special Materials Recent Developments/Updates

Table 100. Pan Asian Microvent Tech Basic Information, Manufacturing Base and Competitors

Table 101. Pan Asian Microvent Tech Major Business

Table 102. Pan Asian Microvent Tech Aerogel Thermal Insulation Material Product and Services

Table 103. Pan Asian Microvent Tech Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 104. Pan Asian Microvent Tech Recent Developments/Updates

Table 105. Chenguang New Materials Basic Information, Manufacturing Base and Competitors

Table 106. Chenguang New Materials Major Business

Table 107. Chenguang New Materials Aerogel Thermal Insulation Material Product and Services

Table 108. Chenguang New Materials Aerogel Thermal Insulation Material Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Chenguang New Materials Recent Developments/Updates

Table 110. Global Aerogel Thermal Insulation Material Sales Quantity by Manufacturer (2021-2026) & (Kilotons)

Table 111. Global Aerogel Thermal Insulation Material Revenue by Manufacturer (2021-2026) & (USD Million)

Table 112. Global Aerogel Thermal Insulation Material Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 113. Market Position of Manufacturers in Aerogel Thermal Insulation Material, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 114. Head Office and Aerogel Thermal Insulation Material Production Site of Key Manufacturer

Table 115. Aerogel Thermal Insulation Material Market: Company Product Type Footprint

Table 116. Aerogel Thermal Insulation Material Market: Company Product Application Footprint

Table 117. Aerogel Thermal Insulation Material New Market Entrants and Barriers to Market Entry

Table 118. Aerogel Thermal Insulation Material Mergers, Acquisition, Agreements, and Collaborations

Table 119. Global Aerogel Thermal Insulation Material Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 120. Global Aerogel Thermal Insulation Material Sales Quantity by Region

(2021-2026) & (Kilotons)

Table 121. Global Aerogel Thermal Insulation Material Sales Quantity by Region

(2027-2032) & (Kilotons)

Table 122. Global Aerogel Thermal Insulation Material Consumption Value by Region

(2021-2026) & (USD Million)

Table 123. Global Aerogel Thermal Insulation Material Consumption Value by Region

(2027-2032) & (USD Million)

Table 124. Global Aerogel Thermal Insulation Material Average Price by Region

(2021-2026) & (US\$/Ton)

Table 125. Global Aerogel Thermal Insulation Material Average Price by Region

(2027-2032) & (US\$/Ton)

Table 126. Global Aerogel Thermal Insulation Material Sales Quantity by Type

(2021-2026) & (Kilotons)

Table 127. Global Aerogel Thermal Insulation Material Sales Quantity by Type

(2027-2032) & (Kilotons)

Table 128. Global Aerogel Thermal Insulation Material Consumption Value by Type

(2021-2026) & (USD Million)

Table 129. Global Aerogel Thermal Insulation Material Consumption Value by Type

(2027-2032) & (USD Million)

Table 130. Global Aerogel Thermal Insulation Material Average Price by Type

(2021-2026) & (US\$/Ton)

Table 131. Global Aerogel Thermal Insulation Material Average Price by Type

(2027-2032) & (US\$/Ton)

Table 132. Global Aerogel Thermal Insulation Material Sales Quantity by Application

(2021-2026) & (Kilotons)

Table 133. Global Aerogel Thermal Insulation Material Sales Quantity by Application

(2027-2032) & (Kilotons)

Table 134. Global Aerogel Thermal Insulation Material Consumption Value by

Application (2021-2026) & (USD Million)

Table 135. Global Aerogel Thermal Insulation Material Consumption Value by

Application (2027-2032) & (USD Million)

Table 136. Global Aerogel Thermal Insulation Material Average Price by Application

(2021-2026) & (US\$/Ton)

Table 137. Global Aerogel Thermal Insulation Material Average Price by Application

(2027-2032) & (US\$/Ton)

Table 138. North America Aerogel Thermal Insulation Material Sales Quantity by Type

(2021-2026) & (Kilotons)

Table 139. North America Aerogel Thermal Insulation Material Sales Quantity by Type

(2027-2032) & (Kilotons)

Table 140. North America Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2026) & (Kilotons)

Table 141. North America Aerogel Thermal Insulation Material Sales Quantity by Application (2027-2032) & (Kilotons)

Table 142. North America Aerogel Thermal Insulation Material Sales Quantity by Country (2021-2026) & (Kilotons)

Table 143. North America Aerogel Thermal Insulation Material Sales Quantity by Country (2027-2032) & (Kilotons)

Table 144. North America Aerogel Thermal Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 145. North America Aerogel Thermal Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 146. Europe Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2026) & (Kilotons)

Table 147. Europe Aerogel Thermal Insulation Material Sales Quantity by Type (2027-2032) & (Kilotons)

Table 148. Europe Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2026) & (Kilotons)

Table 149. Europe Aerogel Thermal Insulation Material Sales Quantity by Application (2027-2032) & (Kilotons)

Table 150. Europe Aerogel Thermal Insulation Material Sales Quantity by Country (2021-2026) & (Kilotons)

Table 151. Europe Aerogel Thermal Insulation Material Sales Quantity by Country (2027-2032) & (Kilotons)

Table 152. Europe Aerogel Thermal Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 153. Europe Aerogel Thermal Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 154. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2026) & (Kilotons)

Table 155. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Type (2027-2032) & (Kilotons)

Table 156. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2026) & (Kilotons)

Table 157. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Application (2027-2032) & (Kilotons)

Table 158. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Region (2021-2026) & (Kilotons)

Table 159. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity by Region

(2027-2032) & (Kilotons)

Table 160. Asia-Pacific Aerogel Thermal Insulation Material Consumption Value by Region (2021-2026) & (USD Million)

Table 161. Asia-Pacific Aerogel Thermal Insulation Material Consumption Value by Region (2027-2032) & (USD Million)

Table 162. South America Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2026) & (Kilotons)

Table 163. South America Aerogel Thermal Insulation Material Sales Quantity by Type (2027-2032) & (Kilotons)

Table 164. South America Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2026) & (Kilotons)

Table 165. South America Aerogel Thermal Insulation Material Sales Quantity by Application (2027-2032) & (Kilotons)

Table 166. South America Aerogel Thermal Insulation Material Sales Quantity by Country (2021-2026) & (Kilotons)

Table 167. South America Aerogel Thermal Insulation Material Sales Quantity by Country (2027-2032) & (Kilotons)

Table 168. South America Aerogel Thermal Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 169. South America Aerogel Thermal Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 170. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Type (2021-2026) & (Kilotons)

Table 171. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Type (2027-2032) & (Kilotons)

Table 172. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Application (2021-2026) & (Kilotons)

Table 173. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Application (2027-2032) & (Kilotons)

Table 174. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Country (2021-2026) & (Kilotons)

Table 175. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity by Country (2027-2032) & (Kilotons)

Table 176. Middle East & Africa Aerogel Thermal Insulation Material Consumption Value by Country (2021-2026) & (USD Million)

Table 177. Middle East & Africa Aerogel Thermal Insulation Material Consumption Value by Country (2027-2032) & (USD Million)

Table 178. Aerogel Thermal Insulation Material Raw Material

Table 179. Key Manufacturers of Aerogel Thermal Insulation Material Raw Materials

Table 180. Aerogel Thermal Insulation Material Typical Distributors

Table 181. Aerogel Thermal Insulation Material Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Aerogel Thermal Insulation Material Picture
- Figure 2. Global Aerogel Thermal Insulation Material Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Aerogel Thermal Insulation Material Revenue Market Share by Type in 2025
- Figure 4. Aerogel Blankets Examples
- Figure 5. Aerogel Sheets/Pads Examples
- Figure 6. Powders and Granules Examples
- Figure 7. Others Examples
- Figure 8. Global Aerogel Thermal Insulation Material Revenue by Reinforced Material, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Aerogel Thermal Insulation Material Revenue Market Share by Reinforced Material in 2025
- Figure 10. Glass Fiber Examples
- Figure 11. Preoxidized Fiber Examples
- Figure 12. Other Examples
- Figure 13. Global Aerogel Thermal Insulation Material Revenue by Channel, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Aerogel Thermal Insulation Material Revenue Market Share by Channel in 2025
- Figure 15. Direct Sale Examples
- Figure 16. Indirect Sale Examples
- Figure 17. Global Aerogel Thermal Insulation Material Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Global Aerogel Thermal Insulation Material Revenue Market Share by Application in 2025
- Figure 19. Oil and Gas Examples
- Figure 20. Construction Examples
- Figure 21. EV Examples
- Figure 22. Cold Insulation Materials Examples
- Figure 23. Aerospace and Defense Examples
- Figure 24. Others Examples
- Figure 25. Global Aerogel Thermal Insulation Material Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 26. Global Aerogel Thermal Insulation Material Consumption Value and Forecast

(2021-2032) & (USD Million)

Figure 27. Global Aerogel Thermal Insulation Material Sales Quantity (2021-2032) & (Kilotons)

Figure 28. Global Aerogel Thermal Insulation Material Price (2021-2032) & (US\$/Ton)

Figure 29. Global Aerogel Thermal Insulation Material Sales Quantity Market Share by Manufacturer in 2025

Figure 30. Global Aerogel Thermal Insulation Material Revenue Market Share by Manufacturer in 2025

Figure 31. Producer Shipments of Aerogel Thermal Insulation Material by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 32. Top 3 Aerogel Thermal Insulation Material Manufacturer (Revenue) Market Share in 2025

Figure 33. Top 6 Aerogel Thermal Insulation Material Manufacturer (Revenue) Market Share in 2025

Figure 34. Global Aerogel Thermal Insulation Material Sales Quantity Market Share by Region (2021-2032)

Figure 35. Global Aerogel Thermal Insulation Material Consumption Value Market Share by Region (2021-2032)

Figure 36. North America Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 37. Europe Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 38. Asia-Pacific Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 39. South America Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 40. Middle East & Africa Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 41. Global Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 42. Global Aerogel Thermal Insulation Material Consumption Value Market Share by Type (2021-2032)

Figure 43. Global Aerogel Thermal Insulation Material Average Price by Type (2021-2032) & (US\$/Ton)

Figure 44. Global Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 45. Global Aerogel Thermal Insulation Material Revenue Market Share by Application (2021-2032)

Figure 46. Global Aerogel Thermal Insulation Material Average Price by Application

(2021-2032) & (US\$/Ton)

Figure 47. North America Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 48. North America Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 49. North America Aerogel Thermal Insulation Material Sales Quantity Market Share by Country (2021-2032)

Figure 50. North America Aerogel Thermal Insulation Material Consumption Value Market Share by Country (2021-2032)

Figure 51. United States Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 52. Canada Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 53. Mexico Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 54. Europe Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 55. Europe Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 56. Europe Aerogel Thermal Insulation Material Sales Quantity Market Share by Country (2021-2032)

Figure 57. Europe Aerogel Thermal Insulation Material Consumption Value Market Share by Country (2021-2032)

Figure 58. Germany Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 59. France Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 60. United Kingdom Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 61. Russia Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 62. Italy Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 63. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 64. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 65. Asia-Pacific Aerogel Thermal Insulation Material Sales Quantity Market Share by Region (2021-2032)

Figure 66. Asia-Pacific Aerogel Thermal Insulation Material Consumption Value Market Share by Region (2021-2032)

Figure 67. China Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 68. Japan Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 69. South Korea Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 70. India Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 71. Southeast Asia Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 72. Australia Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 73. South America Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 74. South America Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 75. South America Aerogel Thermal Insulation Material Sales Quantity Market Share by Country (2021-2032)

Figure 76. South America Aerogel Thermal Insulation Material Consumption Value Market Share by Country (2021-2032)

Figure 77. Brazil Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 78. Argentina Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 79. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity Market Share by Type (2021-2032)

Figure 80. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity Market Share by Application (2021-2032)

Figure 81. Middle East & Africa Aerogel Thermal Insulation Material Sales Quantity Market Share by Country (2021-2032)

Figure 82. Middle East & Africa Aerogel Thermal Insulation Material Consumption Value Market Share by Country (2021-2032)

Figure 83. Turkey Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 84. Egypt Aerogel Thermal Insulation Material Consumption Value (2021-2032) & (USD Million)

Figure 85. Saudi Arabia Aerogel Thermal Insulation Material Consumption Value

(2021-2032) & (USD Million)

Figure 86. South Africa Aerogel Thermal Insulation Material Consumption Value

(2021-2032) & (USD Million)

Figure 87. Aerogel Thermal Insulation Material Market Drivers

Figure 88. Aerogel Thermal Insulation Material Market Restraints

Figure 89. Aerogel Thermal Insulation Material Market Trends

Figure 90. Porters Five Forces Analysis

Figure 91. Manufacturing Cost Structure Analysis of Aerogel Thermal Insulation Material in 2025

Figure 92. Manufacturing Process Analysis of Aerogel Thermal Insulation Material

Figure 93. Aerogel Thermal Insulation Material Industrial Chain

Figure 94. Sales Channel: Direct to End-User vs Distributors

Figure 95. Direct Channel Pros & Cons

Figure 96. Indirect Channel Pros & Cons

Figure 97. Methodology

Figure 98. Research Process and Data Source

I would like to order

Product name: Global Aerogel Thermal Insulation Material Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G395FE6345BCEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G395FE6345BCEN.html>