

Aerogel Insulation Material Market: By Type (Silica, Polymer, Carbon, Others), By Application (Construction, Oil and Gas, Transportation, Aerospace and Defence, Others), And Region – Global Analysis of Market Size, Share & Trends For 2021–2022 And Forecasts To 2032

<https://marketpublishers.com/r/A5D7EA7D870BEN.html>

Date: September 2023

Pages: 459

Price: US\$ 4,950.00 (Single User License)

ID: A5D7EA7D870BEN

Abstracts

Aerogel Insulation Material Market: By Type (Silica, Polymer, Carbon, Others), By Application (Construction, Oil and Gas, Transportation, Aerospace and Defence, Others), And Region – Global Analysis of Market Size, Share & Trends For 2021–2022 And Forecasts To 2032

PRODUCT OVERVIEW

Aerogel Insulation Material Market is expected to surpass USD 4384.0 million by 2032 from USD 895.76 million in 2021 at a CAGR of 15.6% in the coming years, i.e., 2022-32

Aerogels are artificial low-density materials that avoid cracking and shrinking due to ambient evaporation by extracting the liquid from a gel under specific drying conditions. They are known as Aerogels since help form a solid, three-dimensional nanoporous structure that is virtually entirely made of air. It is a flexible blanket insulation that can minimize energy loss in commercial and residential building applications while preserving interior space. To achieve the highest level of energy efficiency, it is often applied completely to floors, walls, roofs and frames and windows. Excellent insulating qualities, which lead to cost and energy savings due to the decreased loss of conditioned or heated interior air, are one of its key advantages.

MARKET HIGHLIGHTS

Aerogel Insulation Material Market is anticipated to surpass USD 4384.0 million by 2032 from USD 895.76 million in 2021 at a CAGR of 15.6% in the coming years, i.e., 2022-32. The Aerogel Insulation Material Market is anticipated to expand steadily over the next few years due to high product demand across numerous industries, including automotive, maritime, and oil and gas. In addition, the rising demand for low-density solid materials is anticipated to alter the market environment throughout the projected period.

Aerogel Insulation Material Market Segments:

By Type

Silica

Polymer

Carbon

Others

By Application

Construction

Oil and Gas

Transportation

Aerospace and Defence

Others

MARKET DYNAMICS

Growth Drivers

Aerogel Insulation Material Market: By Type (Silica, Polymer, Carbon, Others), By Application (Construction, O...

Speedy Developments of Aerogel for Use in the Oil & Gas Industry

Increasing Explorations of Thin Polymer and Rising Investments by Market Players

Restraint

High Costs of Aerogel and Extensive R&D required for Manufacturing of Aerogel Materials

Key Players

BASF

Cabot Corporation

Armacell

Aspen Aerogel

Nan%li%High-Tech

Nichias

Jios Aerogel Corporation

Firwin Corporation

Guangdong Alison Hi-Tech

Active Aerogels

Green Earth Aerogel Technologies (GEAT)

Aerogel UK

Xiamen Nameite

Enersens

Jinna Tech

Other Prominent Players

(Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

Contents

1 EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Aerogel Insulation Material Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2 RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3 MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Aerogel Insulation Material Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4 AEROGEL INSULATION MATERIAL MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

5 MACROECONOMIC INDICATORS

6 RECENT DEVELOPMENTS

7 MARKET DYNAMICS

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

8 RISK ANALYSIS

9 MARKET ANALYSIS

- 9.1. Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1. Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10 AEROGEL INSULATION MATERIAL MARKET

- 10.1. Overview
- 10.2. Historical Analysis (2016-2021)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11 AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

- 11.1. Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
 - 11.3.1. By Type
 - 11.3.1.1. Silica
 - 11.3.1.1.1. By Value (USD Million) 2022-2032F
 - 11.3.1.1.2. Market Share (%) 2022-2032F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2022-2032F

- 11.3.1.2. Polymer
 - 11.3.1.2.1. By Value (USD Million) 2022-2032F
 - 11.3.1.2.2. Market Share (%) 2022-2032F
 - 11.3.1.2.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.1.3. Carbon
 - 11.3.1.3.1. By Value (USD Million) 2022-2032F
 - 11.3.1.3.2. Market Share (%) 2022-2032F
 - 11.3.1.3.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.1.4. Others
 - 11.3.1.4.1. By Value (USD Million) 2022-2032F
 - 11.3.1.4.2. Market Share (%) 2022-2032F
 - 11.3.1.4.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.2. By Application
 - 11.3.2.1. Construction
 - 11.3.2.1.1. By Value (USD Million) 2022-2032F
 - 11.3.2.1.2. Market Share (%) 2022-2032F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.2. Oil and Gas
 - 11.3.2.2.1. By Value (USD Million) 2022-2032F
 - 11.3.2.2.2. Market Share (%) 2022-2032F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.3. Transportation
 - 11.3.2.3.1. By Value (USD Million) 2022-2032F
 - 11.3.2.3.2. Market Share (%) 2022-2032F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.4. Aerospace and Defence
 - 11.3.2.4.1. By Value (USD Million) 2022-2032F
 - 11.3.2.4.2. Market Share (%) 2022-2032F
 - 11.3.2.4.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.5. Others
 - 11.3.2.5.1. By Value (USD Million) 2022-2032F
 - 11.3.2.5.2. Market Share (%) 2022-2032F
 - 11.3.2.5.3. Y-o-Y Growth (%) 2022-2032F

12 NORTH AMERICA AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

12.1. Overview

12.2. Key Findings

12.3. Market Segmentation

12.3.1. By Type

12.3.2. By Application

12.4. Country

12.4.1. United States

12.4.2. Canada

13 EUROPE AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

13.1. Overview

13.2. Key Findings

13.3. Market Segmentation

13.3.1. By Type

13.3.2. By Application

13.4. Country

13.4.1. Germany

13.4.2. United Kingdom

13.4.3. France

13.4.4. Italy

13.4.5. Spain

13.4.6. Russia

13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14 ASIA AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

14.1. Overview

14.2. Key Findings

14.3. Market Segmentation

14.3.1. By Type

14.3.2. By Application

14.4. By Country

14.4.1. India

14.4.2. China

14.4.3. South Korea

14.4.4. Japan

14.4.5. Rest of APAC

15 MIDDLE EAST AND AFRICA AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Type
 - 15.3.2. By Application
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16 LATIN AMERICA AEROGEL INSULATION MATERIAL MARKET SIZE & FORECAST 2022A-2032F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Type
 - 16.3.2. By Application
- 16.4. Country
 - 16.4.1. Mexico
 - 16.4.2. Brazil
 - 16.4.3. Rest of Latin America

17 COMPETITIVE LANDSCAPE

- 17.1. Company market share, 2021
- 17.2. Key player overview
- 17.3. Key stakeholders

18 COMPANY PROFILES

- 18.1. BASF
 - 18.1.1. Company Overview
 - 18.1.2. Financial Overview

- 18.1.3. Key Product; Analysis
- 18.1.4. Company Assessment
 - 18.1.4.1 Product Portfolio
 - 18.1.4.2 Key Clients
 - 18.1.4.3 Market Share
 - 18.1.4.4 Recent News & Development (Last 3 Yrs.)
 - 18.1.4.5 Executive Team
- 18.2. Cabot Corporation
- 18.3. Armacell
- 18.4. Aspen Aerogel
- 18.5. Nano High-Tech
- 18.6. Nichias
- 18.7. Jios Aerogel Corporation
- 18.8. Firwin Corporation
- 18.9. Guangdong Alison Hi-Tech
- 18.10. Active Aerogels
- 18.11. Green Earth Aerogel Technologies (GEAT)
- 18.12. Aerogel UK
- 18.13. Xiamen Nameite
- 18.14. Enersens
- 18.15. Jinna Tech
- 18.16. Other Prominent Players

19 APPENDIX

20 CONSULTANT RECOMMENDATION

I would like to order

Product name: Aerogel Insulation Material Market: By Type (Silica, Polymer, Carbon, Others), By Application (Construction, Oil and Gas, Transportation, Aerospace and Defence, Others), And Region – Global Analysis of Market Size, Share & Trends For 2021–2022 And Forecasts To 2032

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