

# Global Silicon-based Airgel Market Growth 2025-2031

<https://marketpublishers.com/r/G2037B7E01C0EN.html>

Date: November 2025

Pages: 90

Price: US\$ 3,660.00 (Single User License)

ID: G2037B7E01C0EN

## Abstracts

The global Silicon-based Airgel market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Silicon-based airgel is a solid material with the lowest thermal conductivity and the lowest density, with inorganic silicon and organic silicon sources as the main raw materials. Silicon-based airgel has the advantages of good thermal insulation performance, long service life, and good mechanical properties, and is widely used in petrochemical, aerospace, and industrial insulation fields.

United States market for Silicon-based Airgel is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Silicon-based Airgel is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Silicon-based Airgel is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Silicon-based Airgel players cover Aspen Aerogels, Enersens, Alkegen, China National Chemical Engineering Co.,Ltd, JIANG XI CHENGUANG NEW MATERIALS CO.,LTD, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Silicon-based Airgel Industry Forecast" looks at past sales and reviews total world Silicon-based Airgel sales in 2024, providing a comprehensive analysis by region and market sector of projected Silicon-based Airgel sales for 2025 through 2031. With Silicon-based Airgel sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$

millions of the world Silicon-based Airgel industry.

This Insight Report provides a comprehensive analysis of the global Silicon-based Airgel landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Silicon-based Airgel portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon-based Airgel market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon-based Airgel and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Silicon-based Airgel.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon-based Airgel market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Inorganic Silicon Source

Silicone Source

#### Segmentation by Application:

Petrochemical

Aerospace

Industrial Insulation

Construction Work

Others

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Aspen Aerogels

Enersens

Alkegen

China National Chemical Engineering Co.,Ltd

JIANG XI CHENGUANG NEW MATERIALS CO.,LTD

Shenzhen AEROGEL TECHNOLOGY CO.,LTD

Jiangxi Hungpai New Material Co.,Ltd

Pan Asian Microvent Tech (Jiangsu) Corporation

Hubei Jiangnan New Materials Co., Ltd

Guangdong Alison High-tech Co.,Ltd

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Silicon-based Airgel market?

What factors are driving Silicon-based Airgel market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Silicon-based Airgel market opportunities vary by end market size?

How does Silicon-based Airgel break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Silicon-based Airgel Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Silicon-based Airgel by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Silicon-based Airgel by Country/Region, 2020, 2024 & 2031

#### 2.2 Silicon-based Airgel Segment by Type

- 2.2.1 Inorganic Silicon Source
- 2.2.2 Silicone Source

#### 2.3 Silicon-based Airgel Sales by Type

- 2.3.1 Global Silicon-based Airgel Sales Market Share by Type (2020-2025)
- 2.3.2 Global Silicon-based Airgel Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Silicon-based Airgel Sale Price by Type (2020-2025)

#### 2.4 Silicon-based Airgel Segment by Application

- 2.4.1 Petrochemical
- 2.4.2 Aerospace
- 2.4.3 Industrial Insulation
- 2.4.4 Construction Work
- 2.4.5 Others

#### 2.5 Silicon-based Airgel Sales by Application

- 2.5.1 Global Silicon-based Airgel Sale Market Share by Application (2020-2025)
- 2.5.2 Global Silicon-based Airgel Revenue and Market Share by Application (2020-2025)
- 2.5.3 Global Silicon-based Airgel Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

- 3.1 Global Silicon-based Airgel Breakdown Data by Company
  - 3.1.1 Global Silicon-based Airgel Annual Sales by Company (2020-2025)
  - 3.1.2 Global Silicon-based Airgel Sales Market Share by Company (2020-2025)
- 3.2 Global Silicon-based Airgel Annual Revenue by Company (2020-2025)
  - 3.2.1 Global Silicon-based Airgel Revenue by Company (2020-2025)
  - 3.2.2 Global Silicon-based Airgel Revenue Market Share by Company (2020-2025)
- 3.3 Global Silicon-based Airgel Sale Price by Company
- 3.4 Key Manufacturers Silicon-based Airgel Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers Silicon-based Airgel Product Location Distribution
  - 3.4.2 Players Silicon-based Airgel Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR SILICON-BASED AIRGEL BY GEOGRAPHIC REGION**

- 4.1 World Historic Silicon-based Airgel Market Size by Geographic Region (2020-2025)
  - 4.1.1 Global Silicon-based Airgel Annual Sales by Geographic Region (2020-2025)
  - 4.1.2 Global Silicon-based Airgel Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Silicon-based Airgel Market Size by Country/Region (2020-2025)
  - 4.2.1 Global Silicon-based Airgel Annual Sales by Country/Region (2020-2025)
  - 4.2.2 Global Silicon-based Airgel Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Silicon-based Airgel Sales Growth
- 4.4 APAC Silicon-based Airgel Sales Growth
- 4.5 Europe Silicon-based Airgel Sales Growth
- 4.6 Middle East & Africa Silicon-based Airgel Sales Growth

### **5 AMERICAS**

- 5.1 Americas Silicon-based Airgel Sales by Country
  - 5.1.1 Americas Silicon-based Airgel Sales by Country (2020-2025)
  - 5.1.2 Americas Silicon-based Airgel Revenue by Country (2020-2025)

- 5.2 Americas Silicon-based Airgel Sales by Type (2020-2025)
- 5.3 Americas Silicon-based Airgel Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Silicon-based Airgel Sales by Region
  - 6.1.1 APAC Silicon-based Airgel Sales by Region (2020-2025)
  - 6.1.2 APAC Silicon-based Airgel Revenue by Region (2020-2025)
- 6.2 APAC Silicon-based Airgel Sales by Type (2020-2025)
- 6.3 APAC Silicon-based Airgel Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Silicon-based Airgel by Country
  - 7.1.1 Europe Silicon-based Airgel Sales by Country (2020-2025)
  - 7.1.2 Europe Silicon-based Airgel Revenue by Country (2020-2025)
- 7.2 Europe Silicon-based Airgel Sales by Type (2020-2025)
- 7.3 Europe Silicon-based Airgel Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Silicon-based Airgel by Country
  - 8.1.1 Middle East & Africa Silicon-based Airgel Sales by Country (2020-2025)

- 8.1.2 Middle East & Africa Silicon-based Airgel Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Silicon-based Airgel Sales by Type (2020-2025)
- 8.3 Middle East & Africa Silicon-based Airgel Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Silicon-based Airgel
- 10.3 Manufacturing Process Analysis of Silicon-based Airgel
- 10.4 Industry Chain Structure of Silicon-based Airgel

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Silicon-based Airgel Distributors
- 11.3 Silicon-based Airgel Customer

## **12 WORLD FORECAST REVIEW FOR SILICON-BASED AIRGEL BY GEOGRAPHIC REGION**

- 12.1 Global Silicon-based Airgel Market Size Forecast by Region
  - 12.1.1 Global Silicon-based Airgel Forecast by Region (2026-2031)
  - 12.1.2 Global Silicon-based Airgel Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Silicon-based Airgel Forecast by Type (2026-2031)

12.7 Global Silicon-based Airgel Forecast by Application (2026-2031)

## **13 KEY PLAYERS ANALYSIS**

13.1 Aspen Aerogels

13.1.1 Aspen Aerogels Company Information

13.1.2 Aspen Aerogels Silicon-based Airgel Product Portfolios and Specifications

13.1.3 Aspen Aerogels Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Aspen Aerogels Main Business Overview

13.1.5 Aspen Aerogels Latest Developments

13.2 Enersens

13.2.1 Enersens Company Information

13.2.2 Enersens Silicon-based Airgel Product Portfolios and Specifications

13.2.3 Enersens Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Enersens Main Business Overview

13.2.5 Enersens Latest Developments

13.3 Alkegen

13.3.1 Alkegen Company Information

13.3.2 Alkegen Silicon-based Airgel Product Portfolios and Specifications

13.3.3 Alkegen Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Alkegen Main Business Overview

13.3.5 Alkegen Latest Developments

13.4 China National Chemical Engineering Co.,Ltd

13.4.1 China National Chemical Engineering Co.,Ltd Company Information

13.4.2 China National Chemical Engineering Co.,Ltd Silicon-based Airgel Product Portfolios and Specifications

13.4.3 China National Chemical Engineering Co.,Ltd Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 China National Chemical Engineering Co.,Ltd Main Business Overview

13.4.5 China National Chemical Engineering Co.,Ltd Latest Developments

13.5 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD

13.5.1 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Company Information

13.5.2 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Silicon-based Airgel Product Portfolios and Specifications

13.5.3 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Main Business Overview

13.5.5 JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Latest Developments

13.6 Shenzhen AEROGEL TECHNOLOGY CO.,LTD

13.6.1 Shenzhen AEROGEL TECHNOLOGY CO.,LTD Company Information

13.6.2 Shenzhen AEROGEL TECHNOLOGY CO.,LTD Silicon-based Airgel Product Portfolios and Specifications

13.6.3 Shenzhen AEROGEL TECHNOLOGY CO.,LTD Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Shenzhen AEROGEL TECHNOLOGY CO.,LTD Main Business Overview

13.6.5 Shenzhen AEROGEL TECHNOLOGY CO.,LTD Latest Developments

13.7 Jiangxi Hungpai New Material Co.,Ltd

13.7.1 Jiangxi Hungpai New Material Co.,Ltd Company Information

13.7.2 Jiangxi Hungpai New Material Co.,Ltd Silicon-based Airgel Product Portfolios and Specifications

13.7.3 Jiangxi Hungpai New Material Co.,Ltd Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Jiangxi Hungpai New Material Co.,Ltd Main Business Overview

13.7.5 Jiangxi Hungpai New Material Co.,Ltd Latest Developments

13.8 Pan Asian Microvent Tech (Jiangsu) Corporation

13.8.1 Pan Asian Microvent Tech (Jiangsu) Corporation Company Information

13.8.2 Pan Asian Microvent Tech (Jiangsu) Corporation Silicon-based Airgel Product Portfolios and Specifications

13.8.3 Pan Asian Microvent Tech (Jiangsu) Corporation Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Pan Asian Microvent Tech (Jiangsu) Corporation Main Business Overview

13.8.5 Pan Asian Microvent Tech (Jiangsu) Corporation Latest Developments

13.9 Hubei Jiangnan New Materials Co., Ltd

13.9.1 Hubei Jiangnan New Materials Co., Ltd Company Information

13.9.2 Hubei Jiangnan New Materials Co., Ltd Silicon-based Airgel Product Portfolios and Specifications

13.9.3 Hubei Jiangnan New Materials Co., Ltd Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Hubei Jiangnan New Materials Co., Ltd Main Business Overview

13.9.5 Hubei Jiangnan New Materials Co., Ltd Latest Developments

13.10 Guangdong Alison High-tech Co.,Ltd

13.10.1 Guangdong Alison High-tech Co.,Ltd Company Information

13.10.2 Guangdong Alison High-tech Co.,Ltd Silicon-based Airgel Product Portfolios

and Specifications

13.10.3 Guangdong Alison High-tech Co.,Ltd Silicon-based Airgel Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Guangdong Alison High-tech Co.,Ltd Main Business Overview

13.10.5 Guangdong Alison High-tech Co.,Ltd Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Silicon-based Airgel Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Silicon-based Airgel Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Inorganic Silicon Source
- Table 4. Major Players of Silicone Source
- Table 5. Global Silicon-based Airgel Sales by Type (2020-2025) & (Tons)
- Table 6. Global Silicon-based Airgel Sales Market Share by Type (2020-2025)
- Table 7. Global Silicon-based Airgel Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Silicon-based Airgel Revenue Market Share by Type (2020-2025)
- Table 9. Global Silicon-based Airgel Sale Price by Type (2020-2025) & (US\$/Ton)
- Table 10. Global Silicon-based Airgel Sale by Application (2020-2025) & (Tons)
- Table 11. Global Silicon-based Airgel Sale Market Share by Application (2020-2025)
- Table 12. Global Silicon-based Airgel Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Silicon-based Airgel Revenue Market Share by Application (2020-2025)
- Table 14. Global Silicon-based Airgel Sale Price by Application (2020-2025) & (US\$/Ton)
- Table 15. Global Silicon-based Airgel Sales by Company (2020-2025) & (Tons)
- Table 16. Global Silicon-based Airgel Sales Market Share by Company (2020-2025)
- Table 17. Global Silicon-based Airgel Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Silicon-based Airgel Revenue Market Share by Company (2020-2025)
- Table 19. Global Silicon-based Airgel Sale Price by Company (2020-2025) & (US\$/Ton)
- Table 20. Key Manufacturers Silicon-based Airgel Producing Area Distribution and Sales Area
- Table 21. Players Silicon-based Airgel Products Offered
- Table 22. Silicon-based Airgel Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- Table 23. New Products and Potential Entrants
- Table 24. Market M&A Activity & Strategy
- Table 25. Global Silicon-based Airgel Sales by Geographic Region (2020-2025) & (Tons)
- Table 26. Global Silicon-based Airgel Sales Market Share Geographic Region (2020-2025)
- Table 27. Global Silicon-based Airgel Revenue by Geographic Region (2020-2025) & (\$

millions)

Table 28. Global Silicon-based Airgel Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Silicon-based Airgel Sales by Country/Region (2020-2025) & (Tons)

Table 30. Global Silicon-based Airgel Sales Market Share by Country/Region (2020-2025)

Table 31. Global Silicon-based Airgel Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Silicon-based Airgel Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Silicon-based Airgel Sales by Country (2020-2025) & (Tons)

Table 34. Americas Silicon-based Airgel Sales Market Share by Country (2020-2025)

Table 35. Americas Silicon-based Airgel Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Silicon-based Airgel Sales by Type (2020-2025) & (Tons)

Table 37. Americas Silicon-based Airgel Sales by Application (2020-2025) & (Tons)

Table 38. APAC Silicon-based Airgel Sales by Region (2020-2025) & (Tons)

Table 39. APAC Silicon-based Airgel Sales Market Share by Region (2020-2025)

Table 40. APAC Silicon-based Airgel Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Silicon-based Airgel Sales by Type (2020-2025) & (Tons)

Table 42. APAC Silicon-based Airgel Sales by Application (2020-2025) & (Tons)

Table 43. Europe Silicon-based Airgel Sales by Country (2020-2025) & (Tons)

Table 44. Europe Silicon-based Airgel Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Silicon-based Airgel Sales by Type (2020-2025) & (Tons)

Table 46. Europe Silicon-based Airgel Sales by Application (2020-2025) & (Tons)

Table 47. Middle East & Africa Silicon-based Airgel Sales by Country (2020-2025) & (Tons)

Table 48. Middle East & Africa Silicon-based Airgel Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Silicon-based Airgel Sales by Type (2020-2025) & (Tons)

Table 50. Middle East & Africa Silicon-based Airgel Sales by Application (2020-2025) & (Tons)

Table 51. Key Market Drivers & Growth Opportunities of Silicon-based Airgel

Table 52. Key Market Challenges & Risks of Silicon-based Airgel

Table 53. Key Industry Trends of Silicon-based Airgel

Table 54. Silicon-based Airgel Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Silicon-based Airgel Distributors List

Table 57. Silicon-based Airgel Customer List

Table 58. Global Silicon-based Airgel Sales Forecast by Region (2026-2031) & (Tons)

Table 59. Global Silicon-based Airgel Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Silicon-based Airgel Sales Forecast by Country (2026-2031) & (Tons)

Table 61. Americas Silicon-based Airgel Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Silicon-based Airgel Sales Forecast by Region (2026-2031) & (Tons)

Table 63. APAC Silicon-based Airgel Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Silicon-based Airgel Sales Forecast by Country (2026-2031) & (Tons)

Table 65. Europe Silicon-based Airgel Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Silicon-based Airgel Sales Forecast by Country (2026-2031) & (Tons)

Table 67. Middle East & Africa Silicon-based Airgel Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Silicon-based Airgel Sales Forecast by Type (2026-2031) & (Tons)

Table 69. Global Silicon-based Airgel Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Silicon-based Airgel Sales Forecast by Application (2026-2031) & (Tons)

Table 71. Global Silicon-based Airgel Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Aspen Aerogels Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 73. Aspen Aerogels Silicon-based Airgel Product Portfolios and Specifications

Table 74. Aspen Aerogels Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 75. Aspen Aerogels Main Business

Table 76. Aspen Aerogels Latest Developments

Table 77. Enersens Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 78. Enersens Silicon-based Airgel Product Portfolios and Specifications

Table 79. Enersens Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 80. Enersens Main Business

Table 81. Enersens Latest Developments

Table 82. Alkegen Basic Information, Silicon-based Airgel Manufacturing Base, Sales

## Area and Its Competitors

Table 83. Alkegen Silicon-based Airgel Product Portfolios and Specifications

Table 84. Alkegen Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 85. Alkegen Main Business

Table 86. Alkegen Latest Developments

Table 87. China National Chemical Engineering Co.,Ltd Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 88. China National Chemical Engineering Co.,Ltd Silicon-based Airgel Product Portfolios and Specifications

Table 89. China National Chemical Engineering Co.,Ltd Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 90. China National Chemical Engineering Co.,Ltd Main Business

Table 91. China National Chemical Engineering Co.,Ltd Latest Developments

Table 92. JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 93. JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Silicon-based Airgel Product Portfolios and Specifications

Table 94. JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 95. JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Main Business

Table 96. JIANG XI CHENGUANG NEW MATERIALS CO.,LTD Latest Developments

Table 97. Shenzhen AEROGEL TECHNOLOGY CO.,LTD Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 98. Shenzhen AEROGEL TECHNOLOGY CO.,LTD Silicon-based Airgel Product Portfolios and Specifications

Table 99. Shenzhen AEROGEL TECHNOLOGY CO.,LTD Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 100. Shenzhen AEROGEL TECHNOLOGY CO.,LTD Main Business

Table 101. Shenzhen AEROGEL TECHNOLOGY CO.,LTD Latest Developments

Table 102. Jiangxi Hungpai New Material Co.,Ltd Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 103. Jiangxi Hungpai New Material Co.,Ltd Silicon-based Airgel Product Portfolios and Specifications

Table 104. Jiangxi Hungpai New Material Co.,Ltd Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 105. Jiangxi Hungpai New Material Co.,Ltd Main Business

Table 106. Jiangxi Hungpai New Material Co.,Ltd Latest Developments

Table 107. Pan Asian Microvent Tech (Jiangsu) Corporation Basic Information, Silicon-

based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 108. Pan Asian Microvent Tech (Jiangsu) Corporation Silicon-based Airgel Product Portfolios and Specifications

Table 109. Pan Asian Microvent Tech (Jiangsu) Corporation Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 110. Pan Asian Microvent Tech (Jiangsu) Corporation Main Business

Table 111. Pan Asian Microvent Tech (Jiangsu) Corporation Latest Developments

Table 112. Hubei Jiangnan New Materials Co., Ltd Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 113. Hubei Jiangnan New Materials Co., Ltd Silicon-based Airgel Product Portfolios and Specifications

Table 114. Hubei Jiangnan New Materials Co., Ltd Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 115. Hubei Jiangnan New Materials Co., Ltd Main Business

Table 116. Hubei Jiangnan New Materials Co., Ltd Latest Developments

Table 117. Guangdong Alison High-tech Co.,Ltd Basic Information, Silicon-based Airgel Manufacturing Base, Sales Area and Its Competitors

Table 118. Guangdong Alison High-tech Co.,Ltd Silicon-based Airgel Product Portfolios and Specifications

Table 119. Guangdong Alison High-tech Co.,Ltd Silicon-based Airgel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 120. Guangdong Alison High-tech Co.,Ltd Main Business

Table 121. Guangdong Alison High-tech Co.,Ltd Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Silicon-based Airgel
- Figure 2. Silicon-based Airgel Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Silicon-based Airgel Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global Silicon-based Airgel Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Silicon-based Airgel Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Silicon-based Airgel Sales Market Share by Country/Region (2024)
- Figure 10. Silicon-based Airgel Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Inorganic Silicon Source
- Figure 12. Product Picture of Silicone Source
- Figure 13. Global Silicon-based Airgel Sales Market Share by Type in 2025
- Figure 14. Global Silicon-based Airgel Revenue Market Share by Type (2020-2025)
- Figure 15. Silicon-based Airgel Consumed in Petrochemical
- Figure 16. Global Silicon-based Airgel Market: Petrochemical (2020-2025) & (Tons)
- Figure 17. Silicon-based Airgel Consumed in Aerospace
- Figure 18. Global Silicon-based Airgel Market: Aerospace (2020-2025) & (Tons)
- Figure 19. Silicon-based Airgel Consumed in Industrial Insulation
- Figure 20. Global Silicon-based Airgel Market: Industrial Insulation (2020-2025) & (Tons)
- Figure 21. Silicon-based Airgel Consumed in Construction Work
- Figure 22. Global Silicon-based Airgel Market: Construction Work (2020-2025) & (Tons)
- Figure 23. Silicon-based Airgel Consumed in Others
- Figure 24. Global Silicon-based Airgel Market: Others (2020-2025) & (Tons)
- Figure 25. Global Silicon-based Airgel Sale Market Share by Application (2024)
- Figure 26. Global Silicon-based Airgel Revenue Market Share by Application in 2025
- Figure 27. Silicon-based Airgel Sales by Company in 2025 (Tons)
- Figure 28. Global Silicon-based Airgel Sales Market Share by Company in 2025
- Figure 29. Silicon-based Airgel Revenue by Company in 2025 (\$ millions)
- Figure 30. Global Silicon-based Airgel Revenue Market Share by Company in 2025
- Figure 31. Global Silicon-based Airgel Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Silicon-based Airgel Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Silicon-based Airgel Sales 2020-2025 (Tons)

Figure 34. Americas Silicon-based Airgel Revenue 2020-2025 (\$ millions)

Figure 35. APAC Silicon-based Airgel Sales 2020-2025 (Tons)

Figure 36. APAC Silicon-based Airgel Revenue 2020-2025 (\$ millions)

Figure 37. Europe Silicon-based Airgel Sales 2020-2025 (Tons)

Figure 38. Europe Silicon-based Airgel Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Silicon-based Airgel Sales 2020-2025 (Tons)

Figure 40. Middle East & Africa Silicon-based Airgel Revenue 2020-2025 (\$ millions)

Figure 41. Americas Silicon-based Airgel Sales Market Share by Country in 2025

Figure 42. Americas Silicon-based Airgel Revenue Market Share by Country (2020-2025)

Figure 43. Americas Silicon-based Airgel Sales Market Share by Type (2020-2025)

Figure 44. Americas Silicon-based Airgel Sales Market Share by Application (2020-2025)

Figure 45. United States Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Silicon-based Airgel Sales Market Share by Region in 2025

Figure 50. APAC Silicon-based Airgel Revenue Market Share by Region (2020-2025)

Figure 51. APAC Silicon-based Airgel Sales Market Share by Type (2020-2025)

Figure 52. APAC Silicon-based Airgel Sales Market Share by Application (2020-2025)

Figure 53. China Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Silicon-based Airgel Sales Market Share by Country in 2025

Figure 61. Europe Silicon-based Airgel Revenue Market Share by Country (2020-2025)

Figure 62. Europe Silicon-based Airgel Sales Market Share by Type (2020-2025)

Figure 63. Europe Silicon-based Airgel Sales Market Share by Application (2020-2025)

Figure 64. Germany Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Silicon-based Airgel Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Silicon-based Airgel Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Silicon-based Airgel Sales Market Share by Application (2020-2025)

Figure 72. Egypt Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Silicon-based Airgel Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Silicon-based Airgel in 2025

Figure 78. Manufacturing Process Analysis of Silicon-based Airgel

Figure 79. Industry Chain Structure of Silicon-based Airgel

Figure 80. Channels of Distribution

Figure 81. Global Silicon-based Airgel Sales Market Forecast by Region (2026-2031)

Figure 82. Global Silicon-based Airgel Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Silicon-based Airgel Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Silicon-based Airgel Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Silicon-based Airgel Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Silicon-based Airgel Revenue Market Share Forecast by Application (2026-2031)

## I would like to order

Product name: Global Silicon-based Airgel Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G2037B7E01C0EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2037B7E01C0EN.html>