

Global Advanced Composite Materials (ACM) Market Growth 2023-2029

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Abstracts

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Advanced composite materials (ACMs) are also known as advanced polymer matrix composites. These are generally characterized or determined by unusually high strength fibers with unusually high stiffness, or modulus of elasticity characteristics, compared to other materials, while bound together by weaker matrices. These are termed advanced composite materials (ACM) in comparison to the composite materials commonly in use such as reinforced concrete, or even concrete itself. The high strength fibers are also low density while occupying a large fraction of the volume. Advanced composites exhibit desirable physical and chemical properties that include lightweight coupled with high stiffness (elasticity), and strength along the direction of the reinforcing fiber, dimensional stability, temperature and chemical resistance, flex performance, and relatively easy processing. Advanced composites are replacing metal components in many uses, particularly in the aerospace industry.

LPI (LP Information)' newest research report, the "Advanced Composite Materials (ACM) Industry Forecast" looks at past sales and reviews total world Advanced Composite Materials (ACM) sales in 2022, providing a comprehensive analysis by region and market sector of projected Advanced Composite Materials (ACM) sales for 2023 through 2029. With Advanced Composite Materials (ACM) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Advanced Composite Materials (ACM) industry.

This Insight Report provides a comprehensive analysis of the global Advanced Composite Materials (ACM) 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 Advanced Composite Materials (ACM) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Advanced Composite Materials (ACM) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Advanced Composite Materials (ACM) 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 Advanced Composite Materials (ACM).

The global Advanced Composite Materials (ACM) market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Advanced Composite Materials (ACM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Advanced Composite Materials (ACM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Advanced Composite Materials (ACM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Advanced Composite Materials (ACM) players cover Cytec Solvay Group, DuPont, Hexcel Corporation, Hyosung Corporation, Kermel, Kolon Industries, Teijin, Toray and Koninklijke Ten Cate BV, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Advanced Composite Materials (ACM) market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:



Segmentation by type

Carbon Fiber

Glass Fiber

Aramid Fiber

Metal Matrix

Ceramic Matrix

Segmentation by application

Aerospace

Medical Treatment

Machinery

Architecture

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

Global Advanced Composite Materials (ACM) Market Growth 2023-2029



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 analyzing the company's coverage, product portfolio, its market penetration.

Cytec Solvay Group

DuPont

Hexcel Corporation

Hyosung Corporation

Kermel

Kolon Industries

Teijin

Toray

Koninklijke Ten Cate BV

Mitsubishi Chemical Carbon Fiber and Composites

Owens Corning

SGL Group

Yantai Spandex

3B-the Fibreglass

Key Questions Addressed in this Report

What is the 10-year outlook for the global Advanced Composite Materials (ACM) market?

What factors are driving Advanced Composite Materials (ACM) market growth, globally and by region?



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

How do Advanced Composite Materials (ACM) market opportunities vary by end market size?

How does Advanced Composite Materials (ACM) break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



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 Advanced Composite Materials (ACM) Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Advanced Composite Materials (ACM) by Geographic Region, 2018, 2022 & 2029

2.1.3 World Current & Future Analysis for Advanced Composite Materials (ACM) by Country/Region, 2018, 2022 & 2029

2.2 Advanced Composite Materials (ACM) Segment by Type

- 2.2.1 Carbon Fiber
- 2.2.2 Glass Fiber
- 2.2.3 Aramid Fiber
- 2.2.4 Metal Matrix
- 2.2.5 Ceramic Matrix
- 2.3 Advanced Composite Materials (ACM) Sales by Type
- 2.3.1 Global Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

2.3.2 Global Advanced Composite Materials (ACM) Revenue and Market Share by Type (2018-2023)

- 2.3.3 Global Advanced Composite Materials (ACM) Sale Price by Type (2018-2023)
- 2.4 Advanced Composite Materials (ACM) Segment by Application
 - 2.4.1 Aerospace
 - 2.4.2 Medical Treatment
 - 2.4.3 Machinery
 - 2.4.4 Architecture
 - 2.4.5 Other



2.5 Advanced Composite Materials (ACM) Sales by Application

2.5.1 Global Advanced Composite Materials (ACM) Sale Market Share by Application (2018-2023)

2.5.2 Global Advanced Composite Materials (ACM) Revenue and Market Share by Application (2018-2023)

2.5.3 Global Advanced Composite Materials (ACM) Sale Price by Application (2018-2023)

3 GLOBAL ADVANCED COMPOSITE MATERIALS (ACM) BY COMPANY

3.1 Global Advanced Composite Materials (ACM) Breakdown Data by Company

3.1.1 Global Advanced Composite Materials (ACM) Annual Sales by Company (2018-2023)

3.1.2 Global Advanced Composite Materials (ACM) Sales Market Share by Company (2018-2023)

3.2 Global Advanced Composite Materials (ACM) Annual Revenue by Company (2018-2023)

3.2.1 Global Advanced Composite Materials (ACM) Revenue by Company (2018-2023)

3.2.2 Global Advanced Composite Materials (ACM) Revenue Market Share by Company (2018-2023)

3.3 Global Advanced Composite Materials (ACM) Sale Price by Company3.4 Key Manufacturers Advanced Composite Materials (ACM) Producing AreaDistribution, Sales Area, Product Type

3.4.1 Key Manufacturers Advanced Composite Materials (ACM) Product Location Distribution

3.4.2 Players Advanced Composite Materials (ACM) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR ADVANCED COMPOSITE MATERIALS (ACM) BY GEOGRAPHIC REGION

4.1 World Historic Advanced Composite Materials (ACM) Market Size by Geographic Region (2018-2023)

4.1.1 Global Advanced Composite Materials (ACM) Annual Sales by Geographic



Region (2018-2023)

4.1.2 Global Advanced Composite Materials (ACM) Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Advanced Composite Materials (ACM) Market Size by Country/Region (2018-2023)

4.2.1 Global Advanced Composite Materials (ACM) Annual Sales by Country/Region (2018-2023)

4.2.2 Global Advanced Composite Materials (ACM) Annual Revenue by Country/Region (2018-2023)

4.3 Americas Advanced Composite Materials (ACM) Sales Growth

4.4 APAC Advanced Composite Materials (ACM) Sales Growth

4.5 Europe Advanced Composite Materials (ACM) Sales Growth

4.6 Middle East & Africa Advanced Composite Materials (ACM) Sales Growth

5 AMERICAS

5.1 Americas Advanced Composite Materials (ACM) Sales by Country

5.1.1 Americas Advanced Composite Materials (ACM) Sales by Country (2018-2023)

5.1.2 Americas Advanced Composite Materials (ACM) Revenue by Country

(2018-2023)

5.2 Americas Advanced Composite Materials (ACM) Sales by Type

5.3 Americas Advanced Composite Materials (ACM) Sales by Application

5.4 United States

- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Advanced Composite Materials (ACM) Sales by Region
- 6.1.1 APAC Advanced Composite Materials (ACM) Sales by Region (2018-2023)
- 6.1.2 APAC Advanced Composite Materials (ACM) Revenue by Region (2018-2023)
- 6.2 APAC Advanced Composite Materials (ACM) Sales by Type
- 6.3 APAC Advanced Composite Materials (ACM) Sales by Application
- 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 Advanced Composite Materials (ACM) by Country
- 7.1.1 Europe Advanced Composite Materials (ACM) Sales by Country (2018-2023)
- 7.1.2 Europe Advanced Composite Materials (ACM) Revenue by Country (2018-2023)
- 7.2 Europe Advanced Composite Materials (ACM) Sales by Type
- 7.3 Europe Advanced Composite Materials (ACM) Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Advanced Composite Materials (ACM) by Country

8.1.1 Middle East & Africa Advanced Composite Materials (ACM) Sales by Country (2018-2023)

8.1.2 Middle East & Africa Advanced Composite Materials (ACM) Revenue by Country (2018-2023)

- 8.2 Middle East & Africa Advanced Composite Materials (ACM) Sales by Type
- 8.3 Middle East & Africa Advanced Composite Materials (ACM) Sales by Application
- 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 Advanced Composite Materials (ACM)
- 10.3 Manufacturing Process Analysis of Advanced Composite Materials (ACM)
- 10.4 Industry Chain Structure of Advanced Composite Materials (ACM)

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Advanced Composite Materials (ACM) Distributors
- 11.3 Advanced Composite Materials (ACM) Customer

12 WORLD FORECAST REVIEW FOR ADVANCED COMPOSITE MATERIALS (ACM) BY GEOGRAPHIC REGION

- 12.1 Global Advanced Composite Materials (ACM) Market Size Forecast by Region
 - 12.1.1 Global Advanced Composite Materials (ACM) Forecast by Region (2024-2029)

12.1.2 Global Advanced Composite Materials (ACM) Annual Revenue Forecast by Region (2024-2029)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Advanced Composite Materials (ACM) Forecast by Type
- 12.7 Global Advanced Composite Materials (ACM) Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Cytec Solvay Group
- 13.1.1 Cytec Solvay Group Company Information
- 13.1.2 Cytec Solvay Group Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.1.3 Cytec Solvay Group Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.1.4 Cytec Solvay Group Main Business Overview
- 13.1.5 Cytec Solvay Group Latest Developments
- 13.2 DuPont
- 13.2.1 DuPont Company Information



13.2.2 DuPont Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.2.3 DuPont Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 DuPont Main Business Overview

13.2.5 DuPont Latest Developments

13.3 Hexcel Corporation

13.3.1 Hexcel Corporation Company Information

13.3.2 Hexcel Corporation Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.3.3 Hexcel Corporation Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Hexcel Corporation Main Business Overview

13.3.5 Hexcel Corporation Latest Developments

13.4 Hyosung Corporation

13.4.1 Hyosung Corporation Company Information

13.4.2 Hyosung Corporation Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.4.3 Hyosung Corporation Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Hyosung Corporation Main Business Overview

13.4.5 Hyosung Corporation Latest Developments

13.5 Kermel

13.5.1 Kermel Company Information

13.5.2 Kermel Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.5.3 Kermel Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Kermel Main Business Overview

13.5.5 Kermel Latest Developments

13.6 Kolon Industries

13.6.1 Kolon Industries Company Information

13.6.2 Kolon Industries Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.6.3 Kolon Industries Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Kolon Industries Main Business Overview

13.6.5 Kolon Industries Latest Developments

13.7 Teijin



13.7.1 Teijin Company Information

13.7.2 Teijin Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.7.3 Teijin Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Teijin Main Business Overview

13.7.5 Teijin Latest Developments

13.8 Toray

13.8.1 Toray Company Information

13.8.2 Toray Advanced Composite Materials (ACM) Product Portfolios and

Specifications

13.8.3 Toray Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 Toray Main Business Overview

13.8.5 Toray Latest Developments

13.9 Koninklijke Ten Cate BV

13.9.1 Koninklijke Ten Cate BV Company Information

13.9.2 Koninklijke Ten Cate BV Advanced Composite Materials (ACM) Product

Portfolios and Specifications

13.9.3 Koninklijke Ten Cate BV Advanced Composite Materials (ACM) Sales,

Revenue, Price and Gross Margin (2018-2023)

13.9.4 Koninklijke Ten Cate BV Main Business Overview

13.9.5 Koninklijke Ten Cate BV Latest Developments

13.10 Mitsubishi Chemical Carbon Fiber and Composites

13.10.1 Mitsubishi Chemical Carbon Fiber and Composites Company Information

13.10.2 Mitsubishi Chemical Carbon Fiber and Composites Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.10.3 Mitsubishi Chemical Carbon Fiber and Composites Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Mitsubishi Chemical Carbon Fiber and Composites Main Business Overview

13.10.5 Mitsubishi Chemical Carbon Fiber and Composites Latest Developments

13.11 Owens Corning

13.11.1 Owens Corning Company Information

13.11.2 Owens Corning Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.11.3 Owens Corning Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Owens Corning Main Business Overview

13.11.5 Owens Corning Latest Developments



13.12 SGL Group

13.12.1 SGL Group Company Information

13.12.2 SGL Group Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.12.3 SGL Group Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 SGL Group Main Business Overview

13.12.5 SGL Group Latest Developments

13.13 Yantai Spandex

13.13.1 Yantai Spandex Company Information

13.13.2 Yantai Spandex Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.13.3 Yantai Spandex Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Yantai Spandex Main Business Overview

13.13.5 Yantai Spandex Latest Developments

13.14 3B-the Fibreglass

13.14.1 3B-the Fibreglass Company Information

13.14.2 3B-the Fibreglass Advanced Composite Materials (ACM) Product Portfolios and Specifications

13.14.3 3B-the Fibreglass Advanced Composite Materials (ACM) Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 3B-the Fibreglass Main Business Overview

13.14.5 3B-the Fibreglass Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

Table 1. Advanced Composite Materials (ACM) Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Advanced Composite Materials (ACM) Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Carbon Fiber

Table 4. Major Players of Glass Fiber

Table 5. Major Players of Aramid Fiber

Table 6. Major Players of Metal Matrix

Table 7. Major Players of Ceramic Matrix

Table 8. Global Advanced Composite Materials (ACM) Sales by Type (2018-2023) & (K MT)

Table 9. Global Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

Table 10. Global Advanced Composite Materials (ACM) Revenue by Type (2018-2023) & (\$ million)

Table 11. Global Advanced Composite Materials (ACM) Revenue Market Share by Type (2018-2023)

Table 12. Global Advanced Composite Materials (ACM) Sale Price by Type (2018-2023) & (USD/MT)

Table 13. Global Advanced Composite Materials (ACM) Sales by Application (2018-2023) & (K MT)

Table 14. Global Advanced Composite Materials (ACM) Sales Market Share by Application (2018-2023)

Table 15. Global Advanced Composite Materials (ACM) Revenue by Application (2018-2023)

Table 16. Global Advanced Composite Materials (ACM) Revenue Market Share by Application (2018-2023)

Table 17. Global Advanced Composite Materials (ACM) Sale Price by Application (2018-2023) & (USD/MT)

Table 18. Global Advanced Composite Materials (ACM) Sales by Company (2018-2023) & (K MT)

Table 19. Global Advanced Composite Materials (ACM) Sales Market Share by Company (2018-2023)

Table 20. Global Advanced Composite Materials (ACM) Revenue by Company (2018-2023) (\$ Millions)



Table 21. Global Advanced Composite Materials (ACM) Revenue Market Share by Company (2018-2023)

Table 22. Global Advanced Composite Materials (ACM) Sale Price by Company (2018-2023) & (USD/MT)

Table 23. Key Manufacturers Advanced Composite Materials (ACM) Producing Area Distribution and Sales Area

Table 24. Players Advanced Composite Materials (ACM) Products Offered

Table 25. Advanced Composite Materials (ACM) Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 26. New Products and Potential Entrants

Table 27. Mergers & Acquisitions, Expansion

Table 28. Global Advanced Composite Materials (ACM) Sales by Geographic Region (2018-2023) & (K MT)

Table 29. Global Advanced Composite Materials (ACM) Sales Market Share Geographic Region (2018-2023)

Table 30. Global Advanced Composite Materials (ACM) Revenue by GeographicRegion (2018-2023) & (\$ millions)

Table 31. Global Advanced Composite Materials (ACM) Revenue Market Share by Geographic Region (2018-2023)

Table 32. Global Advanced Composite Materials (ACM) Sales by Country/Region (2018-2023) & (K MT)

Table 33. Global Advanced Composite Materials (ACM) Sales Market Share by Country/Region (2018-2023)

Table 34. Global Advanced Composite Materials (ACM) Revenue by Country/Region (2018-2023) & (\$ millions)

Table 35. Global Advanced Composite Materials (ACM) Revenue Market Share by Country/Region (2018-2023)

Table 36. Americas Advanced Composite Materials (ACM) Sales by Country (2018-2023) & (K MT)

Table 37. Americas Advanced Composite Materials (ACM) Sales Market Share by Country (2018-2023)

Table 38. Americas Advanced Composite Materials (ACM) Revenue by Country (2018-2023) & (\$ Millions)

Table 39. Americas Advanced Composite Materials (ACM) Revenue Market Share by Country (2018-2023)

Table 40. Americas Advanced Composite Materials (ACM) Sales by Type (2018-2023) & (K MT)

Table 41. Americas Advanced Composite Materials (ACM) Sales by Application (2018-2023) & (K MT)



Table 42. APAC Advanced Composite Materials (ACM) Sales by Region (2018-2023) & (KMT) Table 43. APAC Advanced Composite Materials (ACM) Sales Market Share by Region (2018-2023)Table 44. APAC Advanced Composite Materials (ACM) Revenue by Region (2018-2023) & (\$ Millions) Table 45. APAC Advanced Composite Materials (ACM) Revenue Market Share by Region (2018-2023) Table 46. APAC Advanced Composite Materials (ACM) Sales by Type (2018-2023) & (KMT) Table 47. APAC Advanced Composite Materials (ACM) Sales by Application (2018-2023) & (K MT) Table 48. Europe Advanced Composite Materials (ACM) Sales by Country (2018-2023) & (K MT) Table 49. Europe Advanced Composite Materials (ACM) Sales Market Share by Country (2018-2023) Table 50. Europe Advanced Composite Materials (ACM) Revenue by Country (2018-2023) & (\$ Millions) Table 51. Europe Advanced Composite Materials (ACM) Revenue Market Share by Country (2018-2023) Table 52. Europe Advanced Composite Materials (ACM) Sales by Type (2018-2023) & (KMT) Table 53. Europe Advanced Composite Materials (ACM) Sales by Application (2018-2023) & (K MT) Table 54. Middle East & Africa Advanced Composite Materials (ACM) Sales by Country (2018-2023) & (K MT) Table 55. Middle East & Africa Advanced Composite Materials (ACM) Sales Market Share by Country (2018-2023) Table 56. Middle East & Africa Advanced Composite Materials (ACM) Revenue by Country (2018-2023) & (\$ Millions) Table 57. Middle East & Africa Advanced Composite Materials (ACM) Revenue Market Share by Country (2018-2023) Table 58. Middle East & Africa Advanced Composite Materials (ACM) Sales by Type (2018-2023) & (K MT) Table 59. Middle East & Africa Advanced Composite Materials (ACM) Sales by Application (2018-2023) & (K MT) Table 60. Key Market Drivers & Growth Opportunities of Advanced Composite Materials (ACM) Table 61. Key Market Challenges & Risks of Advanced Composite Materials (ACM)



Table 62. Key Industry Trends of Advanced Composite Materials (ACM) Table 63. Advanced Composite Materials (ACM) Raw Material Table 64. Key Suppliers of Raw Materials Table 65. Advanced Composite Materials (ACM) Distributors List Table 66. Advanced Composite Materials (ACM) Customer List Table 67. Global Advanced Composite Materials (ACM) Sales Forecast by Region (2024-2029) & (K MT) Table 68. Global Advanced Composite Materials (ACM) Revenue Forecast by Region (2024-2029) & (\$ millions) Table 69. Americas Advanced Composite Materials (ACM) Sales Forecast by Country (2024-2029) & (K MT) Table 70. Americas Advanced Composite Materials (ACM) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 71. APAC Advanced Composite Materials (ACM) Sales Forecast by Region (2024-2029) & (K MT) Table 72. APAC Advanced Composite Materials (ACM) Revenue Forecast by Region (2024-2029) & (\$ millions) Table 73. Europe Advanced Composite Materials (ACM) Sales Forecast by Country (2024-2029) & (K MT) Table 74. Europe Advanced Composite Materials (ACM) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 75. Middle East & Africa Advanced Composite Materials (ACM) Sales Forecast by Country (2024-2029) & (K MT) Table 76. Middle East & Africa Advanced Composite Materials (ACM) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 77. Global Advanced Composite Materials (ACM) Sales Forecast by Type (2024-2029) & (K MT) Table 78. Global Advanced Composite Materials (ACM) Revenue Forecast by Type (2024-2029) & (\$ Millions) Table 79. Global Advanced Composite Materials (ACM) Sales Forecast by Application (2024-2029) & (K MT) Table 80. Global Advanced Composite Materials (ACM) Revenue Forecast by Application (2024-2029) & (\$ Millions) Table 81. Cytec Solvay Group Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 82. Cytec Solvay Group Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 83. Cytec Solvay Group Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023)



Table 84. Cytec Solvay Group Main Business Table 85. Cytec Solvay Group Latest Developments Table 86. DuPont Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 87. DuPont Advanced Composite Materials (ACM) Product Portfolios and **Specifications** Table 88. DuPont Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 89. DuPont Main Business Table 90. DuPont Latest Developments Table 91. Hexcel Corporation Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 92. Hexcel Corporation Advanced Composite Materials (ACM) Product Portfolios and Specifications Table 93. Hexcel Corporation Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 94. Hexcel Corporation Main Business Table 95. Hexcel Corporation Latest Developments Table 96. Hyosung Corporation Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 97. Hyosung Corporation Advanced Composite Materials (ACM) Product Portfolios and Specifications Table 98. Hyosung Corporation Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 99. Hyosung Corporation Main Business Table 100. Hyosung Corporation Latest Developments Table 101. Kermel Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 102. Kermel Advanced Composite Materials (ACM) Product Portfolios and Specifications Table 103. Kermel Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 104. Kermel Main Business Table 105. Kermel Latest Developments Table 106. Kolon Industries Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 107. Kolon Industries Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 108. Kolon Industries Advanced Composite Materials (ACM) Sales (K MT),



Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 109. Kolon Industries Main Business Table 110. Kolon Industries Latest Developments Table 111. Teijin Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 112. Teijin Advanced Composite Materials (ACM) Product Portfolios and **Specifications** Table 113. Teijin Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 114. Teijin Main Business Table 115. Teijin Latest Developments Table 116. Toray Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 117. Toray Advanced Composite Materials (ACM) Product Portfolios and **Specifications** Table 118. Toray Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 119. Toray Main Business Table 120. Toray Latest Developments Table 121. Koninklijke Ten Cate BV Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 122. Koninklijke Ten Cate BV Advanced Composite Materials (ACM) Product Portfolios and Specifications Table 123. Koninklijke Ten Cate BV Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023) Table 124. Koninklijke Ten Cate BV Main Business Table 125. Koninklijke Ten Cate BV Latest Developments Table 126. Mitsubishi Chemical Carbon Fiber and Composites Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors Table 127. Mitsubishi Chemical Carbon Fiber and Composites Advanced Composite Materials (ACM) Product Portfolios and Specifications Table 128. Mitsubishi Chemical Carbon Fiber and Composites Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018 - 2023)Table 129. Mitsubishi Chemical Carbon Fiber and Composites Main Business Table 130. Mitsubishi Chemical Carbon Fiber and Composites Latest Developments Table 131. Owens Corning Basic Information, Advanced Composite Materials (ACM)

Manufacturing Base, Sales Area and Its Competitors



Table 132. Owens Corning Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 133. Owens Corning Advanced Composite Materials (ACM) Sales (K MT),

Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 134. Owens Corning Main Business

Table 135. Owens Corning Latest Developments

Table 136. SGL Group Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors

Table 137. SGL Group Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 138. SGL Group Advanced Composite Materials (ACM) Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 139. SGL Group Main Business

Table 140. SGL Group Latest Developments

Table 141. Yantai Spandex Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors

Table 142. Yantai Spandex Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 143. Yantai Spandex Advanced Composite Materials (ACM) Sales (K MT),

Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 144. Yantai Spandex Main Business

Table 145. Yantai Spandex Latest Developments

Table 146. 3B-the Fibreglass Basic Information, Advanced Composite Materials (ACM) Manufacturing Base, Sales Area and Its Competitors

Table 147. 3B-the Fibreglass Advanced Composite Materials (ACM) Product Portfolios and Specifications

Table 148. 3B-the Fibreglass Advanced Composite Materials (ACM) Sales (K MT),

Revenue (\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 149. 3B-the Fibreglass Main Business

 Table 150. 3B-the Fibreglass Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Advanced Composite Materials (ACM)
- Figure 2. Advanced Composite Materials (ACM) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Advanced Composite Materials (ACM) Sales Growth Rate 2018-2029 (K MT)

Figure 7. Global Advanced Composite Materials (ACM) Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Advanced Composite Materials (ACM) Sales by Region (2018, 2022 & 2029) & (\$ Millions)

- Figure 9. Product Picture of Carbon Fiber
- Figure 10. Product Picture of Glass Fiber
- Figure 11. Product Picture of Aramid Fiber
- Figure 12. Product Picture of Metal Matrix
- Figure 13. Product Picture of Ceramic Matrix
- Figure 14. Global Advanced Composite Materials (ACM) Sales Market Share by Type in 2022

Figure 15. Global Advanced Composite Materials (ACM) Revenue Market Share by Type (2018-2023)

Figure 16. Advanced Composite Materials (ACM) Consumed in Aerospace

Figure 17. Global Advanced Composite Materials (ACM) Market: Aerospace (2018-2023) & (K MT)

Figure 18. Advanced Composite Materials (ACM) Consumed in Medical Treatment Figure 19. Global Advanced Composite Materials (ACM) Market: Medical Treatment (2018-2023) & (K MT)

Figure 20. Advanced Composite Materials (ACM) Consumed in Machinery

Figure 21. Global Advanced Composite Materials (ACM) Market: Machinery (2018-2023) & (K MT)

Figure 22. Advanced Composite Materials (ACM) Consumed in Architecture Figure 23. Global Advanced Composite Materials (ACM) Market: Architecture

(2018-2023) & (K MT)

Figure 24. Advanced Composite Materials (ACM) Consumed in Other

Figure 25. Global Advanced Composite Materials (ACM) Market: Other (2018-2023) & (K MT)



Figure 26. Global Advanced Composite Materials (ACM) Sales Market Share by Application (2022)

Figure 27. Global Advanced Composite Materials (ACM) Revenue Market Share by Application in 2022

Figure 28. Advanced Composite Materials (ACM) Sales Market by Company in 2022 (K MT)

Figure 29. Global Advanced Composite Materials (ACM) Sales Market Share by Company in 2022

Figure 30. Advanced Composite Materials (ACM) Revenue Market by Company in 2022 (\$ Million)

Figure 31. Global Advanced Composite Materials (ACM) Revenue Market Share by Company in 2022

Figure 32. Global Advanced Composite Materials (ACM) Sales Market Share by Geographic Region (2018-2023)

Figure 33. Global Advanced Composite Materials (ACM) Revenue Market Share by Geographic Region in 2022

Figure 34. Americas Advanced Composite Materials (ACM) Sales 2018-2023 (K MT)

Figure 35. Americas Advanced Composite Materials (ACM) Revenue 2018-2023 (\$ Millions)

Figure 36. APAC Advanced Composite Materials (ACM) Sales 2018-2023 (K MT)

Figure 37. APAC Advanced Composite Materials (ACM) Revenue 2018-2023 (\$ Millions)

Figure 38. Europe Advanced Composite Materials (ACM) Sales 2018-2023 (K MT)

Figure 39. Europe Advanced Composite Materials (ACM) Revenue 2018-2023 (\$ Millions)

Figure 40. Middle East & Africa Advanced Composite Materials (ACM) Sales 2018-2023 (K MT)

Figure 41. Middle East & Africa Advanced Composite Materials (ACM) Revenue 2018-2023 (\$ Millions)

Figure 42. Americas Advanced Composite Materials (ACM) Sales Market Share by Country in 2022

Figure 43. Americas Advanced Composite Materials (ACM) Revenue Market Share by Country in 2022

Figure 44. Americas Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

Figure 45. Americas Advanced Composite Materials (ACM) Sales Market Share by Application (2018-2023)

Figure 46. United States Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)



Figure 47. Canada Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Mexico Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Brazil Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 50. APAC Advanced Composite Materials (ACM) Sales Market Share by Region in 2022

Figure 51. APAC Advanced Composite Materials (ACM) Revenue Market Share by Regions in 2022

Figure 52. APAC Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

Figure 53. APAC Advanced Composite Materials (ACM) Sales Market Share by Application (2018-2023)

Figure 54. China Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Japan Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 56. South Korea Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Southeast Asia Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 58. India Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 59. Australia Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 60. China Taiwan Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Europe Advanced Composite Materials (ACM) Sales Market Share by Country in 2022

Figure 62. Europe Advanced Composite Materials (ACM) Revenue Market Share by Country in 2022

Figure 63. Europe Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

Figure 64. Europe Advanced Composite Materials (ACM) Sales Market Share by Application (2018-2023)

Figure 65. Germany Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 66. France Advanced Composite Materials (ACM) Revenue Growth 2018-2023



(\$ Millions)

Figure 67. UK Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Italy Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Russia Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Middle East & Africa Advanced Composite Materials (ACM) Sales Market Share by Country in 2022

Figure 71. Middle East & Africa Advanced Composite Materials (ACM) Revenue Market Share by Country in 2022

Figure 72. Middle East & Africa Advanced Composite Materials (ACM) Sales Market Share by Type (2018-2023)

Figure 73. Middle East & Africa Advanced Composite Materials (ACM) Sales Market Share by Application (2018-2023)

Figure 74. Egypt Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 75. South Africa Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Israel Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 77. Turkey Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 78. GCC Country Advanced Composite Materials (ACM) Revenue Growth 2018-2023 (\$ Millions)

Figure 79. Manufacturing Cost Structure Analysis of Advanced Composite Materials (ACM) in 2022

Figure 80. Manufacturing Process Analysis of Advanced Composite Materials (ACM)

Figure 81. Industry Chain Structure of Advanced Composite Materials (ACM)

Figure 82. Channels of Distribution

Figure 83. Global Advanced Composite Materials (ACM) Sales Market Forecast by Region (2024-2029)

Figure 84. Global Advanced Composite Materials (ACM) Revenue Market Share Forecast by Region (2024-2029)

Figure 85. Global Advanced Composite Materials (ACM) Sales Market Share Forecast by Type (2024-2029)

Figure 86. Global Advanced Composite Materials (ACM) Revenue Market Share Forecast by Type (2024-2029)

Figure 87. Global Advanced Composite Materials (ACM) Sales Market Share Forecast



by Application (2024-2029)

Figure 88. Global Advanced Composite Materials (ACM) Revenue Market Share Forecast by Application (2024-2029)



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