

Global Ballistic Composites Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Ballistic Composites market size was valued at USD 1342.3 million in 2023 and is forecast to a readjusted size of USD 1746.1 million by 2030 with a CAGR of 3.8% during review period.

Ballistic composites are a combination of two or more materials with different properties different. These materials have a high stiffness and tensile strength, low density, high thermal and electrical conductivity, and adjustable coefficient of thermal expansion. They are also resistant to corrosion and are stable at high temperatures.

In 2017, aramid fiber had the largest market share in terms of value and volume owing to the high demand from helmets, vests, and shields applications.

The Global Info Research report includes an overview of the development of the Ballistic Composites industry chain, the market status of Vehicle Armor (Aramid, UHMPE), Body Armor (Aramid, UHMPE), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Ballistic Composites.

Regionally, the report analyzes the Ballistic Composites markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Ballistic Composites market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Ballistic Composites market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Ballistic Composites industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Aramid, UHMPE).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Ballistic Composites market.

Regional Analysis: The report involves examining the Ballistic Composites market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Ballistic Composites market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Ballistic Composites:

Company Analysis: Report covers individual Ballistic Composites manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Ballistic Composites This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Vehicle Armor, Body Armor).

Technology Analysis: Report covers specific technologies relevant to Ballistic Composites. It assesses the current state, advancements, and potential future developments in Ballistic Composites areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Ballistic Composites market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Ballistic Composites market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Aramid

UHMPE

Glass

Others

Market segment by Application

Vehicle Armor

Body Armor

Helmets & Face Protection

Others

Major players covered

BAE Systems

Gurit

Honeywell International

Koninklijke Ten Cate

Royal DSM

II-VI M Cubed

Barrday

FY-Composites

Gaffco Ballistics

JPS Composite Materials

Matrix Composites

Morgan Advanced Materials

Plastic Reinforcement Fabrics

Southern States

TEIJIN

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)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ballistic Composites product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ballistic Composites, with price, sales, revenue and global market share of Ballistic Composites from 2019 to 2024.

Chapter 3, the Ballistic Composites competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ballistic Composites breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Ballistic Composites market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Ballistic Composites.

Chapter 14 and 15, to describe Ballistic Composites sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Ballistic Composites
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Ballistic Composites Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Aramid
 - 1.3.3 UHMPE
 - 1.3.4 Glass
 - 1.3.5 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Ballistic Composites Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Vehicle Armor
 - 1.4.3 Body Armor
 - 1.4.4 Helmets & Face Protection
 - 1.4.5 Others
- 1.5 Global Ballistic Composites Market Size & Forecast
 - 1.5.1 Global Ballistic Composites Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Ballistic Composites Sales Quantity (2019-2030)
 - 1.5.3 Global Ballistic Composites Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 BAE Systems
 - 2.1.1 BAE Systems Details
 - 2.1.2 BAE Systems Major Business
 - 2.1.3 BAE Systems Ballistic Composites Product and Services
 - 2.1.4 BAE Systems Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 BAE Systems Recent Developments/Updates
- 2.2 Gurit
 - 2.2.1 Gurit Details
 - 2.2.2 Gurit Major Business
 - 2.2.3 Gurit Ballistic Composites Product and Services
 - 2.2.4 Gurit Ballistic Composites Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2019-2024)

2.2.5 Gurit Recent Developments/Updates

2.3 Honeywell International

2.3.1 Honeywell International Details

2.3.2 Honeywell International Major Business

2.3.3 Honeywell International Ballistic Composites Product and Services

2.3.4 Honeywell International Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Honeywell International Recent Developments/Updates

2.4 Koninklijke Ten Cate

2.4.1 Koninklijke Ten Cate Details

2.4.2 Koninklijke Ten Cate Major Business

2.4.3 Koninklijke Ten Cate Ballistic Composites Product and Services

2.4.4 Koninklijke Ten Cate Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Koninklijke Ten Cate Recent Developments/Updates

2.5 Royal DSM

2.5.1 Royal DSM Details

2.5.2 Royal DSM Major Business

2.5.3 Royal DSM Ballistic Composites Product and Services

2.5.4 Royal DSM Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Royal DSM Recent Developments/Updates

2.6 II-VI M Cubed

2.6.1 II-VI M Cubed Details

2.6.2 II-VI M Cubed Major Business

2.6.3 II-VI M Cubed Ballistic Composites Product and Services

2.6.4 II-VI M Cubed Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 II-VI M Cubed Recent Developments/Updates

2.7 Barrday

2.7.1 Barrday Details

2.7.2 Barrday Major Business

2.7.3 Barrday Ballistic Composites Product and Services

2.7.4 Barrday Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Barrday Recent Developments/Updates

2.8 FY-Composites

2.8.1 FY-Composites Details

- 2.8.2 FY-Composites Major Business
- 2.8.3 FY-Composites Ballistic Composites Product and Services
- 2.8.4 FY-Composites Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 FY-Composites Recent Developments/Updates
- 2.9 Gaffco Ballistics
 - 2.9.1 Gaffco Ballistics Details
 - 2.9.2 Gaffco Ballistics Major Business
 - 2.9.3 Gaffco Ballistics Ballistic Composites Product and Services
 - 2.9.4 Gaffco Ballistics Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Gaffco Ballistics Recent Developments/Updates
- 2.10 JPS Composite Materials
 - 2.10.1 JPS Composite Materials Details
 - 2.10.2 JPS Composite Materials Major Business
 - 2.10.3 JPS Composite Materials Ballistic Composites Product and Services
 - 2.10.4 JPS Composite Materials Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 JPS Composite Materials Recent Developments/Updates
- 2.11 Matrix Composites
 - 2.11.1 Matrix Composites Details
 - 2.11.2 Matrix Composites Major Business
 - 2.11.3 Matrix Composites Ballistic Composites Product and Services
 - 2.11.4 Matrix Composites Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Matrix Composites Recent Developments/Updates
- 2.12 Morgan Advanced Materials
 - 2.12.1 Morgan Advanced Materials Details
 - 2.12.2 Morgan Advanced Materials Major Business
 - 2.12.3 Morgan Advanced Materials Ballistic Composites Product and Services
 - 2.12.4 Morgan Advanced Materials Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 Morgan Advanced Materials Recent Developments/Updates
- 2.13 Plastic Reinforcement Fabrics
 - 2.13.1 Plastic Reinforcement Fabrics Details
 - 2.13.2 Plastic Reinforcement Fabrics Major Business
 - 2.13.3 Plastic Reinforcement Fabrics Ballistic Composites Product and Services
 - 2.13.4 Plastic Reinforcement Fabrics Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 Plastic Reinforcement Fabrics Recent Developments/Updates
- 2.14 Southern States
 - 2.14.1 Southern States Details
 - 2.14.2 Southern States Major Business
 - 2.14.3 Southern States Ballistic Composites Product and Services
 - 2.14.4 Southern States Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 Southern States Recent Developments/Updates
- 2.15 TEIJIN
 - 2.15.1 TEIJIN Details
 - 2.15.2 TEIJIN Major Business
 - 2.15.3 TEIJIN Ballistic Composites Product and Services
 - 2.15.4 TEIJIN Ballistic Composites Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 TEIJIN Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BALLISTIC COMPOSITES BY MANUFACTURER

- 3.1 Global Ballistic Composites Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Ballistic Composites Revenue by Manufacturer (2019-2024)
- 3.3 Global Ballistic Composites Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Ballistic Composites by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Ballistic Composites Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Ballistic Composites Manufacturer Market Share in 2023
- 3.5 Ballistic Composites Market: Overall Company Footprint Analysis
 - 3.5.1 Ballistic Composites Market: Region Footprint
 - 3.5.2 Ballistic Composites Market: Company Product Type Footprint
 - 3.5.3 Ballistic Composites 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 Ballistic Composites Market Size by Region
 - 4.1.1 Global Ballistic Composites Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Ballistic Composites Consumption Value by Region (2019-2030)
 - 4.1.3 Global Ballistic Composites Average Price by Region (2019-2030)

- 4.2 North America Ballistic Composites Consumption Value (2019-2030)
- 4.3 Europe Ballistic Composites Consumption Value (2019-2030)
- 4.4 Asia-Pacific Ballistic Composites Consumption Value (2019-2030)
- 4.5 South America Ballistic Composites Consumption Value (2019-2030)
- 4.6 Middle East and Africa Ballistic Composites Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Ballistic Composites Sales Quantity by Type (2019-2030)
- 5.2 Global Ballistic Composites Consumption Value by Type (2019-2030)
- 5.3 Global Ballistic Composites Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Ballistic Composites Sales Quantity by Application (2019-2030)
- 6.2 Global Ballistic Composites Consumption Value by Application (2019-2030)
- 6.3 Global Ballistic Composites Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Ballistic Composites Sales Quantity by Type (2019-2030)
- 7.2 North America Ballistic Composites Sales Quantity by Application (2019-2030)
- 7.3 North America Ballistic Composites Market Size by Country
 - 7.3.1 North America Ballistic Composites Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Ballistic Composites Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Ballistic Composites Sales Quantity by Type (2019-2030)
- 8.2 Europe Ballistic Composites Sales Quantity by Application (2019-2030)
- 8.3 Europe Ballistic Composites Market Size by Country
 - 8.3.1 Europe Ballistic Composites Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Ballistic Composites Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Ballistic Composites Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Ballistic Composites Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Ballistic Composites Market Size by Region

9.3.1 Asia-Pacific Ballistic Composites Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Ballistic Composites Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Ballistic Composites Sales Quantity by Type (2019-2030)

10.2 South America Ballistic Composites Sales Quantity by Application (2019-2030)

10.3 South America Ballistic Composites Market Size by Country

10.3.1 South America Ballistic Composites Sales Quantity by Country (2019-2030)

10.3.2 South America Ballistic Composites Consumption Value by Country
(2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Ballistic Composites Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Ballistic Composites Sales Quantity by Application
(2019-2030)

11.3 Middle East & Africa Ballistic Composites Market Size by Country

11.3.1 Middle East & Africa Ballistic Composites Sales Quantity by Country
(2019-2030)

11.3.2 Middle East & Africa Ballistic Composites Consumption Value by Country
(2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Ballistic Composites Market Drivers
- 12.2 Ballistic Composites Market Restraints
- 12.3 Ballistic Composites 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 Ballistic Composites and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Ballistic Composites
- 13.3 Ballistic Composites Production Process
- 13.4 Ballistic Composites Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Ballistic Composites Typical Distributors
- 14.3 Ballistic Composites 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 Ballistic Composites Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Ballistic Composites Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. BAE Systems Basic Information, Manufacturing Base and Competitors
- Table 4. BAE Systems Major Business
- Table 5. BAE Systems Ballistic Composites Product and Services
- Table 6. BAE Systems Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 7. BAE Systems Recent Developments/Updates
- Table 8. Gurit Basic Information, Manufacturing Base and Competitors
- Table 9. Gurit Major Business
- Table 10. Gurit Ballistic Composites Product and Services
- Table 11. Gurit Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 12. Gurit Recent Developments/Updates
- Table 13. Honeywell International Basic Information, Manufacturing Base and Competitors
- Table 14. Honeywell International Major Business
- Table 15. Honeywell International Ballistic Composites Product and Services
- Table 16. Honeywell International Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 17. Honeywell International Recent Developments/Updates
- Table 18. Koninklijke Ten Cate Basic Information, Manufacturing Base and Competitors
- Table 19. Koninklijke Ten Cate Major Business
- Table 20. Koninklijke Ten Cate Ballistic Composites Product and Services
- Table 21. Koninklijke Ten Cate Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 22. Koninklijke Ten Cate Recent Developments/Updates
- Table 23. Royal DSM Basic Information, Manufacturing Base and Competitors
- Table 24. Royal DSM Major Business
- Table 25. Royal DSM Ballistic Composites Product and Services
- Table 26. Royal DSM Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 27. Royal DSM Recent Developments/Updates

Table 28. II-VI M Cubed Basic Information, Manufacturing Base and Competitors

Table 29. II-VI M Cubed Major Business

Table 30. II-VI M Cubed Ballistic Composites Product and Services

Table 31. II-VI M Cubed Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. II-VI M Cubed Recent Developments/Updates

Table 33. Barrday Basic Information, Manufacturing Base and Competitors

Table 34. Barrday Major Business

Table 35. Barrday Ballistic Composites Product and Services

Table 36. Barrday Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Barrday Recent Developments/Updates

Table 38. FY-Composites Basic Information, Manufacturing Base and Competitors

Table 39. FY-Composites Major Business

Table 40. FY-Composites Ballistic Composites Product and Services

Table 41. FY-Composites Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. FY-Composites Recent Developments/Updates

Table 43. Gaffco Ballistics Basic Information, Manufacturing Base and Competitors

Table 44. Gaffco Ballistics Major Business

Table 45. Gaffco Ballistics Ballistic Composites Product and Services

Table 46. Gaffco Ballistics Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Gaffco Ballistics Recent Developments/Updates

Table 48. JPS Composite Materials Basic Information, Manufacturing Base and Competitors

Table 49. JPS Composite Materials Major Business

Table 50. JPS Composite Materials Ballistic Composites Product and Services

Table 51. JPS Composite Materials Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. JPS Composite Materials Recent Developments/Updates

Table 53. Matrix Composites Basic Information, Manufacturing Base and Competitors

Table 54. Matrix Composites Major Business

Table 55. Matrix Composites Ballistic Composites Product and Services

Table 56. Matrix Composites Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Matrix Composites Recent Developments/Updates

Table 58. Morgan Advanced Materials Basic Information, Manufacturing Base and

Competitors

Table 59. Morgan Advanced Materials Major Business

Table 60. Morgan Advanced Materials Ballistic Composites Product and Services

Table 61. Morgan Advanced Materials Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Morgan Advanced Materials Recent Developments/Updates

Table 63. Plastic Reinforcement Fabrics Basic Information, Manufacturing Base and Competitors

Table 64. Plastic Reinforcement Fabrics Major Business

Table 65. Plastic Reinforcement Fabrics Ballistic Composites Product and Services

Table 66. Plastic Reinforcement Fabrics Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Plastic Reinforcement Fabrics Recent Developments/Updates

Table 68. Southern States Basic Information, Manufacturing Base and Competitors

Table 69. Southern States Major Business

Table 70. Southern States Ballistic Composites Product and Services

Table 71. Southern States Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Southern States Recent Developments/Updates

Table 73. TEIJIN Basic Information, Manufacturing Base and Competitors

Table 74. TEIJIN Major Business

Table 75. TEIJIN Ballistic Composites Product and Services

Table 76. TEIJIN Ballistic Composites Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. TEIJIN Recent Developments/Updates

Table 78. Global Ballistic Composites Sales Quantity by Manufacturer (2019-2024) & (K MT)

Table 79. Global Ballistic Composites Revenue by Manufacturer (2019-2024) & (USD Million)

Table 80. Global Ballistic Composites Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 81. Market Position of Manufacturers in Ballistic Composites, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 82. Head Office and Ballistic Composites Production Site of Key Manufacturer

Table 83. Ballistic Composites Market: Company Product Type Footprint

Table 84. Ballistic Composites Market: Company Product Application Footprint

Table 85. Ballistic Composites New Market Entrants and Barriers to Market Entry

Table 86. Ballistic Composites Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Ballistic Composites Sales Quantity by Region (2019-2024) & (K MT)

Table 88. Global Ballistic Composites Sales Quantity by Region (2025-2030) & (K MT)

Table 89. Global Ballistic Composites Consumption Value by Region (2019-2024) & (USD Million)

Table 90. Global Ballistic Composites Consumption Value by Region (2025-2030) & (USD Million)

Table 91. Global Ballistic Composites Average Price by Region (2019-2024) & (USD/MT)

Table 92. Global Ballistic Composites Average Price by Region (2025-2030) & (USD/MT)

Table 93. Global Ballistic Composites Sales Quantity by Type (2019-2024) & (K MT)

Table 94. Global Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 95. Global Ballistic Composites Consumption Value by Type (2019-2024) & (USD Million)

Table 96. Global Ballistic Composites Consumption Value by Type (2025-2030) & (USD Million)

Table 97. Global Ballistic Composites Average Price by Type (2019-2024) & (USD/MT)

Table 98. Global Ballistic Composites Average Price by Type (2025-2030) & (USD/MT)

Table 99. Global Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 100. Global Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 101. Global Ballistic Composites Consumption Value by Application (2019-2024) & (USD Million)

Table 102. Global Ballistic Composites Consumption Value by Application (2025-2030) & (USD Million)

Table 103. Global Ballistic Composites Average Price by Application (2019-2024) & (USD/MT)

Table 104. Global Ballistic Composites Average Price by Application (2025-2030) & (USD/MT)

Table 105. North America Ballistic Composites Sales Quantity by Type (2019-2024) & (K MT)

Table 106. North America Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 107. North America Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 108. North America Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 109. North America Ballistic Composites Sales Quantity by Country (2019-2024) & (K MT)

Table 110. North America Ballistic Composites Sales Quantity by Country (2025-2030) & (K MT)

Table 111. North America Ballistic Composites Consumption Value by Country (2019-2024) & (USD Million)

Table 112. North America Ballistic Composites Consumption Value by Country (2025-2030) & (USD Million)

Table 113. Europe Ballistic Composites Sales Quantity by Type (2019-2024) & (K MT)

Table 114. Europe Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 115. Europe Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 116. Europe Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 117. Europe Ballistic Composites Sales Quantity by Country (2019-2024) & (K MT)

Table 118. Europe Ballistic Composites Sales Quantity by Country (2025-2030) & (K MT)

Table 119. Europe Ballistic Composites Consumption Value by Country (2019-2024) & (USD Million)

Table 120. Europe Ballistic Composites Consumption Value by Country (2025-2030) & (USD Million)

Table 121. Asia-Pacific Ballistic Composites Sales Quantity by Type (2019-2024) & (K MT)

Table 122. Asia-Pacific Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 123. Asia-Pacific Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 124. Asia-Pacific Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 125. Asia-Pacific Ballistic Composites Sales Quantity by Region (2019-2024) & (K MT)

Table 126. Asia-Pacific Ballistic Composites Sales Quantity by Region (2025-2030) & (K MT)

Table 127. Asia-Pacific Ballistic Composites Consumption Value by Region (2019-2024) & (USD Million)

Table 128. Asia-Pacific Ballistic Composites Consumption Value by Region (2025-2030) & (USD Million)

Table 129. South America Ballistic Composites Sales Quantity by Type (2019-2024) &

(K MT)

Table 130. South America Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 131. South America Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 132. South America Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 133. South America Ballistic Composites Sales Quantity by Country (2019-2024) & (K MT)

Table 134. South America Ballistic Composites Sales Quantity by Country (2025-2030) & (K MT)

Table 135. South America Ballistic Composites Consumption Value by Country (2019-2024) & (USD Million)

Table 136. South America Ballistic Composites Consumption Value by Country (2025-2030) & (USD Million)

Table 137. Middle East & Africa Ballistic Composites Sales Quantity by Type (2019-2024) & (K MT)

Table 138. Middle East & Africa Ballistic Composites Sales Quantity by Type (2025-2030) & (K MT)

Table 139. Middle East & Africa Ballistic Composites Sales Quantity by Application (2019-2024) & (K MT)

Table 140. Middle East & Africa Ballistic Composites Sales Quantity by Application (2025-2030) & (K MT)

Table 141. Middle East & Africa Ballistic Composites Sales Quantity by Region (2019-2024) & (K MT)

Table 142. Middle East & Africa Ballistic Composites Sales Quantity by Region (2025-2030) & (K MT)

Table 143. Middle East & Africa Ballistic Composites Consumption Value by Region (2019-2024) & (USD Million)

Table 144. Middle East & Africa Ballistic Composites Consumption Value by Region (2025-2030) & (USD Million)

Table 145. Ballistic Composites Raw Material

Table 146. Key Manufacturers of Ballistic Composites Raw Materials

Table 147. Ballistic Composites Typical Distributors

Table 148. Ballistic Composites Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Ballistic Composites Picture

Figure 2. Global Ballistic Composites Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Ballistic Composites Consumption Value Market Share by Type in 2023

Figure 4. Aramid Examples

Figure 5. UHMPE Examples

Figure 6. Glass Examples

Figure 7. Others Examples

Figure 8. Global Ballistic Composites Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Ballistic Composites Consumption Value Market Share by Application in 2023

Figure 10. Vehicle Armor Examples

Figure 11. Body Armor Examples

Figure 12. Helmets & Face Protection Examples

Figure 13. Others Examples

Figure 14. Global Ballistic Composites Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Ballistic Composites Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Ballistic Composites Sales Quantity (2019-2030) & (K MT)

Figure 17. Global Ballistic Composites Average Price (2019-2030) & (USD/MT)

Figure 18. Global Ballistic Composites Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Ballistic Composites Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of Ballistic Composites by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 Ballistic Composites Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Ballistic Composites Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Ballistic Composites Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global Ballistic Composites Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Ballistic Composites Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Ballistic Composites Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Ballistic Composites Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Ballistic Composites Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Ballistic Composites Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Ballistic Composites Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Ballistic Composites Average Price by Type (2019-2030) & (USD/MT)

Figure 33. Global Ballistic Composites Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Ballistic Composites Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Ballistic Composites Average Price by Application (2019-2030) & (USD/MT)

Figure 36. North America Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Ballistic Composites Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Ballistic Composites Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Ballistic Composites Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe Ballistic Composites Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Ballistic Composites Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Ballistic Composites Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Ballistic Composites Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Ballistic Composites Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Ballistic Composites Consumption Value Market Share by Region (2019-2030)

Figure 56. China Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 63. South America Ballistic Composites Sales Quantity Market Share by

Application (2019-2030)

Figure 64. South America Ballistic Composites Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Ballistic Composites Consumption Value Market Share by Country (2019-2030)

Figure 66. Brazil Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa Ballistic Composites Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa Ballistic Composites Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa Ballistic Composites Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Ballistic Composites Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Ballistic Composites Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Ballistic Composites Market Drivers

Figure 77. Ballistic Composites Market Restraints

Figure 78. Ballistic Composites Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Ballistic Composites in 2023

Figure 81. Manufacturing Process Analysis of Ballistic Composites

Figure 82. Ballistic Composites Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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