

Global High Modulus Carbon Fiber Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GEA7EB56E84EN.html>

Date: June 2026

Pages: 120

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

ID: GEA7EB56E84EN

Abstracts

According to our (Global Info Research) latest study, the global High Modulus Carbon Fiber market size was valued at US\$ 1097 million in 2025 and is forecast to a readjusted size of US\$ 1891 million by 2032 with a CAGR of 8.1% during review period.

High Modulus Carbon Fiber is a premium grade of carbon fiber engineered primarily for stiffness, with tensile modulus at or above 350 GPa fiber product (continuous tow/yarn, chopped fiber, or milled fiber) rather than prepregs, fabrics, or finished composite parts. It matters because stiffness governs dimensional stability, vibration control, and precision under load, which are critical in weight-sensitive structures such as aerospace truss members, satellite booms, high-end industrial rollers, and high-precision robotic arms.

In the current market, global production is around 2058 t, with an average selling price of about 518 USD per kg EXW basis. The market is structurally concentrated because achieving consistent high modulus requires tight control over precursor quality, stabilization and carbonization windows, and (for ultra-high modulus) graphitization intensity, while downstream customers impose demanding qualification and lot-consistency requirements. Top 5 suppliers control approximately 70 percent of global revenue CR5, reflecting a small set of long-established producers with deep process know-how, long-term customer programs, and multi-year qualification histories.

The upstream supply chain is anchored by precursor materials and high-temperature processing infrastructure. PAN-based high modulus fibers depend on high-purity PAN precursor, controlled comonomer recipes, and stable spinning/oxidation/carbonization capacity, while pitch-based high modulus and ultra-high modulus fibers depend on

mesophase pitch production and graphitization capability, which are more specialized and capital intensive. Key upstream inputs include PAN precursor or pitch feedstocks, sizing chemistries compatible with epoxy and high-temperature matrices, inert gases and energy for high-temperature furnaces, and precision winding/packaging systems that maintain fiber integrity and traceability. Downstream demand is led by aerospace and space OEMs and their Tier-1 composite fabricators, defense primes and authorized suppliers, and industrial equipment manufacturers needing high rigidity and low thermal expansion. Typical procurement favors long-term supply agreements with strict specification control, qualification lots, and change-control protocols; aerospace/space programs often use multi-year frame contracts and dual-sourcing strategies, while industrial and sporting goods may buy under annual frameworks or project-based orders with shorter lead times. Because the product is qualification-driven and capacity is constrained by furnace time and yield sensitivity, buyers emphasize lot traceability, consistent modulus/strength distributions, and delivery reliability rather than spot pricing alone.

Looking forward into 2026–2032, demand growth will be shaped by (1) expanding space systems and high-precision platforms, (2) increased use of lightweight, dimensionally stable structures in advanced industrial automation and energy infrastructure, and (3) ongoing material substitution where stiffness-to-weight is the binding constraint. Regulatory and compliance pressures will continue to tighten around export controls, program security requirements, and end-use qualification, favoring suppliers with established compliance systems and stable international logistics. Technically, the market will see incremental improvements in modulus-strength balance, fiber handling (reduced fuzz, better spreadability), and resin compatibility, while cost will remain dominated by precursor economics, furnace energy, yield, and throughput. A key bottleneck is the slow pace of qualifying new high-modulus supply for critical programs: even when new capacity is added, customer qualification cycles and stringent change-control can delay monetization, keeping the market concentrated and limiting rapid supply substitution.

This report is a detailed and comprehensive analysis for global High Modulus Carbon Fiber market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Modulus Tier and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global High Modulus Carbon Fiber market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (US\$/Kg), 2021-2032

Global High Modulus Carbon Fiber market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (US\$/Kg), 2021-2032

Global High Modulus Carbon Fiber market size and forecasts, by Modulus Tier and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (US\$/Kg), 2021-2032

Global High Modulus Carbon Fiber market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (US\$/Kg), 2021-2026

The Primary Objectives in This Report Are:

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

To assess the growth potential for High Modulus Carbon Fiber

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global High Modulus Carbon Fiber market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Toray, Teijin, Mitsubishi Chemical, Hexcel Corporation, Formosa Plastics Corporation, Syensqo SA, Nippon Graphite Fiber Corporation, Weihai Guangwei Composites, Zhongfu Shenying Carbon Fiber, Jiangsu Hengshen, etc.

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

Market Segmentation

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

Market segment by Modulus Tier

High Modulus (HM) Grade

Ultra High Modulus (UHM) Grade

Market segment by Product Form

Continuous Tow or Yarn

Chopped Fiber

Milled Fiber

Market segment by Precursor

PAN-based

Pitch-based

Market segment by Application

Aerospace

High-end Manufacturing

Sports/Leisure

Others

Major players covered

Toray

Teijin

Mitsubishi Chemical

Hexcel Corporation

Formosa Plastics Corporation

Syensqo SA

Nippon Graphite Fiber Corporation

Weihai Guangwei Composites

Zhongfu Shenying Carbon Fiber

Jiangsu Hengshen

Sinofibers Technology

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 High Modulus Carbon Fiber product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Modulus Carbon Fiber, with price, sales quantity, revenue, and global market share of High Modulus Carbon Fiber from 2021 to 2026.

Chapter 3, the High Modulus Carbon Fiber competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Modulus Carbon Fiber breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and High Modulus Carbon Fiber market forecast, by regions, by Modulus Tier, and by Application, with sales and revenue, from 2027 to 2032.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of High Modulus Carbon Fiber.

Chapter 14 and 15, to describe High Modulus Carbon Fiber sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Modulus Tier
 - 1.3.1 Overview: Global High Modulus Carbon Fiber Consumption Value by Modulus Tier: 2021 Versus 2025 Versus 2032
 - 1.3.2 High Modulus (HM) Grade
 - 1.3.3 Ultra High Modulus (UHM) Grade
- 1.4 Market Analysis by Product Form
 - 1.4.1 Overview: Global High Modulus Carbon Fiber Consumption Value by Product Form: 2021 Versus 2025 Versus 2032
 - 1.4.2 Continuous Tow or Yarn
 - 1.4.3 Chopped Fiber
 - 1.4.4 Milled Fiber
- 1.5 Market Analysis by Precursor
 - 1.5.1 Overview: Global High Modulus Carbon Fiber Consumption Value by Precursor: 2021 Versus 2025 Versus 2032
 - 1.5.2 PAN-based
 - 1.5.3 Pitch-based
- 1.6 Market Analysis by Application
 - 1.6.1 Overview: Global High Modulus Carbon Fiber Consumption Value by Application: 2021 Versus 2025 Versus 2032
 - 1.6.2 Aerospace
 - 1.6.3 High-end Manufacturing
 - 1.6.4 Sports/Leisure
 - 1.6.5 Others
- 1.7 Global High Modulus Carbon Fiber Market Size & Forecast
 - 1.7.1 Global High Modulus Carbon Fiber Consumption Value (2021 & 2025 & 2032)
 - 1.7.2 Global High Modulus Carbon Fiber Sales Quantity (2021-2032)
 - 1.7.3 Global High Modulus Carbon Fiber Average Price (2021-2032)

2 MANUFACTURERS PROFILES

- 2.1 Toray
 - 2.1.1 Toray Details
 - 2.1.2 Toray Major Business

- 2.1.3 Toray High Modulus Carbon Fiber Product and Services
- 2.1.4 Toray High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Toray Recent Developments/Updates
- 2.2 Teijin
 - 2.2.1 Teijin Details
 - 2.2.2 Teijin Major Business
 - 2.2.3 Teijin High Modulus Carbon Fiber Product and Services
 - 2.2.4 Teijin High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Teijin Recent Developments/Updates
- 2.3 Mitsubishi Chemical
 - 2.3.1 Mitsubishi Chemical Details
 - 2.3.2 Mitsubishi Chemical Major Business
 - 2.3.3 Mitsubishi Chemical High Modulus Carbon Fiber Product and Services
 - 2.3.4 Mitsubishi Chemical High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Mitsubishi Chemical Recent Developments/Updates
- 2.4 Hexcel Corporation
 - 2.4.1 Hexcel Corporation Details
 - 2.4.2 Hexcel Corporation Major Business
 - 2.4.3 Hexcel Corporation High Modulus Carbon Fiber Product and Services
 - 2.4.4 Hexcel Corporation High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Hexcel Corporation Recent Developments/Updates
- 2.5 Formosa Plastics Corporation
 - 2.5.1 Formosa Plastics Corporation Details
 - 2.5.2 Formosa Plastics Corporation Major Business
 - 2.5.3 Formosa Plastics Corporation High Modulus Carbon Fiber Product and Services
 - 2.5.4 Formosa Plastics Corporation High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Formosa Plastics Corporation Recent Developments/Updates
- 2.6 Syensqo SA
 - 2.6.1 Syensqo SA Details
 - 2.6.2 Syensqo SA Major Business
 - 2.6.3 Syensqo SA High Modulus Carbon Fiber Product and Services
 - 2.6.4 Syensqo SA High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Syensqo SA Recent Developments/Updates

2.7 Nippon Graphite Fiber Corporation

2.7.1 Nippon Graphite Fiber Corporation Details

2.7.2 Nippon Graphite Fiber Corporation Major Business

2.7.3 Nippon Graphite Fiber Corporation High Modulus Carbon Fiber Product and Services

2.7.4 Nippon Graphite Fiber Corporation High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Nippon Graphite Fiber Corporation Recent Developments/Updates

2.8 Weihai Guangwei Composites

2.8.1 Weihai Guangwei Composites Details

2.8.2 Weihai Guangwei Composites Major Business

2.8.3 Weihai Guangwei Composites High Modulus Carbon Fiber Product and Services

2.8.4 Weihai Guangwei Composites High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Weihai Guangwei Composites Recent Developments/Updates

2.9 Zhongfu Shenying Carbon Fiber

2.9.1 Zhongfu Shenying Carbon Fiber Details

2.9.2 Zhongfu Shenying Carbon Fiber Major Business

2.9.3 Zhongfu Shenying Carbon Fiber High Modulus Carbon Fiber Product and Services

2.9.4 Zhongfu Shenying Carbon Fiber High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Zhongfu Shenying Carbon Fiber Recent Developments/Updates

2.10 Jiangsu Hengshen

2.10.1 Jiangsu Hengshen Details

2.10.2 Jiangsu Hengshen Major Business

2.10.3 Jiangsu Hengshen High Modulus Carbon Fiber Product and Services

2.10.4 Jiangsu Hengshen High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Jiangsu Hengshen Recent Developments/Updates

2.11 Sinofibers Technology

2.11.1 Sinofibers Technology Details

2.11.2 Sinofibers Technology Major Business

2.11.3 Sinofibers Technology High Modulus Carbon Fiber Product and Services

2.11.4 Sinofibers Technology High Modulus Carbon Fiber Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Sinofibers Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HIGH MODULUS CARBON FIBER BY

MANUFACTURER

- 3.1 Global High Modulus Carbon Fiber Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global High Modulus Carbon Fiber Revenue by Manufacturer (2021-2026)
- 3.3 Global High Modulus Carbon Fiber Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of High Modulus Carbon Fiber by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 High Modulus Carbon Fiber Manufacturer Market Share in 2025
 - 3.4.3 Top 6 High Modulus Carbon Fiber Manufacturer Market Share in 2025
- 3.5 High Modulus Carbon Fiber Market: Overall Company Footprint Analysis
 - 3.5.1 High Modulus Carbon Fiber Market: Region Footprint
 - 3.5.2 High Modulus Carbon Fiber Market: Company Product Type Footprint
 - 3.5.3 High Modulus Carbon Fiber 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 High Modulus Carbon Fiber Market Size by Region
 - 4.1.1 Global High Modulus Carbon Fiber Sales Quantity by Region (2021-2032)
 - 4.1.2 Global High Modulus Carbon Fiber Consumption Value by Region (2021-2032)
 - 4.1.3 Global High Modulus Carbon Fiber Average Price by Region (2021-2032)
- 4.2 North America High Modulus Carbon Fiber Consumption Value (2021-2032)
- 4.3 Europe High Modulus Carbon Fiber Consumption Value (2021-2032)
- 4.4 Asia-Pacific High Modulus Carbon Fiber Consumption Value (2021-2032)
- 4.5 South America High Modulus Carbon Fiber Consumption Value (2021-2032)
- 4.6 Middle East & Africa High Modulus Carbon Fiber Consumption Value (2021-2032)

5 MARKET SEGMENT BY MODULUS TIER

- 5.1 Global High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)
- 5.2 Global High Modulus Carbon Fiber Consumption Value by Modulus Tier (2021-2032)
- 5.3 Global High Modulus Carbon Fiber Average Price by Modulus Tier (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

6.2 Global High Modulus Carbon Fiber Consumption Value by Application (2021-2032)

6.3 Global High Modulus Carbon Fiber Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)

7.2 North America High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

7.3 North America High Modulus Carbon Fiber Market Size by Country

7.3.1 North America High Modulus Carbon Fiber Sales Quantity by Country (2021-2032)

7.3.2 North America High Modulus Carbon Fiber Consumption Value by Country (2021-2032)

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

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)

8.2 Europe High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

8.3 Europe High Modulus Carbon Fiber Market Size by Country

8.3.1 Europe High Modulus Carbon Fiber Sales Quantity by Country (2021-2032)

8.3.2 Europe High Modulus Carbon Fiber Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

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

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)

9.2 Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific High Modulus Carbon Fiber Market Size by Region

9.3.1 Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific High Modulus Carbon Fiber Consumption Value by Region

(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

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

9.3.6 India Market Size and Forecast (2021-2032)

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

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)

10.2 South America High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

10.3 South America High Modulus Carbon Fiber Market Size by Country

10.3.1 South America High Modulus Carbon Fiber Sales Quantity by Country (2021-2032)

10.3.2 South America High Modulus Carbon Fiber Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2032)

11.2 Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa High Modulus Carbon Fiber Market Size by Country

11.3.1 Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa High Modulus Carbon Fiber Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

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

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

12 MARKET DYNAMICS

- 12.1 High Modulus Carbon Fiber Market Drivers
- 12.2 High Modulus Carbon Fiber Market Restraints
- 12.3 High Modulus Carbon Fiber 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 High Modulus Carbon Fiber and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of High Modulus Carbon Fiber
- 13.3 High Modulus Carbon Fiber Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 High Modulus Carbon Fiber Typical Distributors
- 14.3 High Modulus Carbon Fiber 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 High Modulus Carbon Fiber Consumption Value by Modulus Tier, (USD Million), 2021 & 2025 & 2032
- Table 2. Global High Modulus Carbon Fiber Consumption Value by Product Form, (USD Million), 2021 & 2025 & 2032
- Table 3. Global High Modulus Carbon Fiber Consumption Value by Precursor, (USD Million), 2021 & 2025 & 2032
- Table 4. Global High Modulus Carbon Fiber Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. Toray Basic Information, Manufacturing Base and Competitors
- Table 6. Toray Major Business
- Table 7. Toray High Modulus Carbon Fiber Product and Services
- Table 8. Toray High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. Toray Recent Developments/Updates
- Table 10. Teijin Basic Information, Manufacturing Base and Competitors
- Table 11. Teijin Major Business
- Table 12. Teijin High Modulus Carbon Fiber Product and Services
- Table 13. Teijin High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. Teijin Recent Developments/Updates
- Table 15. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors
- Table 16. Mitsubishi Chemical Major Business
- Table 17. Mitsubishi Chemical High Modulus Carbon Fiber Product and Services
- Table 18. Mitsubishi Chemical High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. Mitsubishi Chemical Recent Developments/Updates
- Table 20. Hexcel Corporation Basic Information, Manufacturing Base and Competitors
- Table 21. Hexcel Corporation Major Business
- Table 22. Hexcel Corporation High Modulus Carbon Fiber Product and Services
- Table 23. Hexcel Corporation High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 24. Hexcel Corporation Recent Developments/Updates
- Table 25. Formosa Plastics Corporation Basic Information, Manufacturing Base and Competitors

- Table 26. Formosa Plastics Corporation Major Business
- Table 27. Formosa Plastics Corporation High Modulus Carbon Fiber Product and Services
- Table 28. Formosa Plastics Corporation High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 29. Formosa Plastics Corporation Recent Developments/Updates
- Table 30. Syensqo SA Basic Information, Manufacturing Base and Competitors
- Table 31. Syensqo SA Major Business
- Table 32. Syensqo SA High Modulus Carbon Fiber Product and Services
- Table 33. Syensqo SA High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 34. Syensqo SA Recent Developments/Updates
- Table 35. Nippon Graphite Fiber Corporation Basic Information, Manufacturing Base and Competitors
- Table 36. Nippon Graphite Fiber Corporation Major Business
- Table 37. Nippon Graphite Fiber Corporation High Modulus Carbon Fiber Product and Services
- Table 38. Nippon Graphite Fiber Corporation High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 39. Nippon Graphite Fiber Corporation Recent Developments/Updates
- Table 40. Weihai Guangwei Composites Basic Information, Manufacturing Base and Competitors
- Table 41. Weihai Guangwei Composites Major Business
- Table 42. Weihai Guangwei Composites High Modulus Carbon Fiber Product and Services
- Table 43. Weihai Guangwei Composites High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 44. Weihai Guangwei Composites Recent Developments/Updates
- Table 45. Zhongfu Shenying Carbon Fiber Basic Information, Manufacturing Base and Competitors
- Table 46. Zhongfu Shenying Carbon Fiber Major Business
- Table 47. Zhongfu Shenying Carbon Fiber High Modulus Carbon Fiber Product and Services
- Table 48. Zhongfu Shenying Carbon Fiber High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 49. Zhongfu Shenying Carbon Fiber Recent Developments/Updates
- Table 50. Jiangsu Hengshen Basic Information, Manufacturing Base and Competitors
- Table 51. Jiangsu Hengshen Major Business
- Table 52. Jiangsu Hengshen High Modulus Carbon Fiber Product and Services
- Table 53. Jiangsu Hengshen High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 54. Jiangsu Hengshen Recent Developments/Updates
- Table 55. Sinofibers Technology Basic Information, Manufacturing Base and Competitors
- Table 56. Sinofibers Technology Major Business
- Table 57. Sinofibers Technology High Modulus Carbon Fiber Product and Services
- Table 58. Sinofibers Technology High Modulus Carbon Fiber Sales Quantity (MT), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 59. Sinofibers Technology Recent Developments/Updates
- Table 60. Global High Modulus Carbon Fiber Sales Quantity by Manufacturer (2021-2026) & (MT)
- Table 61. Global High Modulus Carbon Fiber Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 62. Global High Modulus Carbon Fiber Average Price by Manufacturer (2021-2026) & (US\$/Kg)
- Table 63. Market Position of Manufacturers in High Modulus Carbon Fiber, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 64. Head Office and High Modulus Carbon Fiber Production Site of Key Manufacturer
- Table 65. High Modulus Carbon Fiber Market: Company Product Type Footprint
- Table 66. High Modulus Carbon Fiber Market: Company Product Application Footprint
- Table 67. High Modulus Carbon Fiber New Market Entrants and Barriers to Market Entry
- Table 68. High Modulus Carbon Fiber Mergers, Acquisition, Agreements, and Collaborations
- Table 69. Global High Modulus Carbon Fiber Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 70. Global High Modulus Carbon Fiber Sales Quantity by Region (2021-2026) & (MT)
- Table 71. Global High Modulus Carbon Fiber Sales Quantity by Region (2027-2032) & (MT)
- Table 72. Global High Modulus Carbon Fiber Consumption Value by Region (2021-2026) & (USD Million)

- Table 73. Global High Modulus Carbon Fiber Consumption Value by Region (2027-2032) & (USD Million)
- Table 74. Global High Modulus Carbon Fiber Average Price by Region (2021-2026) & (US\$/Kg)
- Table 75. Global High Modulus Carbon Fiber Average Price by Region (2027-2032) & (US\$/Kg)
- Table 76. Global High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2026) & (MT)
- Table 77. Global High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2027-2032) & (MT)
- Table 78. Global High Modulus Carbon Fiber Consumption Value by Modulus Tier (2021-2026) & (USD Million)
- Table 79. Global High Modulus Carbon Fiber Consumption Value by Modulus Tier (2027-2032) & (USD Million)
- Table 80. Global High Modulus Carbon Fiber Average Price by Modulus Tier (2021-2026) & (US\$/Kg)
- Table 81. Global High Modulus Carbon Fiber Average Price by Modulus Tier (2027-2032) & (US\$/Kg)
- Table 82. Global High Modulus Carbon Fiber Sales Quantity by Application (2021-2026) & (MT)
- Table 83. Global High Modulus Carbon Fiber Sales Quantity by Application (2027-2032) & (MT)
- Table 84. Global High Modulus Carbon Fiber Consumption Value by Application (2021-2026) & (USD Million)
- Table 85. Global High Modulus Carbon Fiber Consumption Value by Application (2027-2032) & (USD Million)
- Table 86. Global High Modulus Carbon Fiber Average Price by Application (2021-2026) & (US\$/Kg)
- Table 87. Global High Modulus Carbon Fiber Average Price by Application (2027-2032) & (US\$/Kg)
- Table 88. North America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2026) & (MT)
- Table 89. North America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2027-2032) & (MT)
- Table 90. North America High Modulus Carbon Fiber Sales Quantity by Application (2021-2026) & (MT)
- Table 91. North America High Modulus Carbon Fiber Sales Quantity by Application (2027-2032) & (MT)
- Table 92. North America High Modulus Carbon Fiber Sales Quantity by Country

(2021-2026) & (MT)

Table 93. North America High Modulus Carbon Fiber Sales Quantity by Country

(2027-2032) & (MT)

Table 94. North America High Modulus Carbon Fiber Consumption Value by Country

(2021-2026) & (USD Million)

Table 95. North America High Modulus Carbon Fiber Consumption Value by Country

(2027-2032) & (USD Million)

Table 96. Europe High Modulus Carbon Fiber Sales Quantity by Modulus Tier

(2021-2026) & (MT)

Table 97. Europe High Modulus Carbon Fiber Sales Quantity by Modulus Tier

(2027-2032) & (MT)

Table 98. Europe High Modulus Carbon Fiber Sales Quantity by Application

(2021-2026) & (MT)

Table 99. Europe High Modulus Carbon Fiber Sales Quantity by Application

(2027-2032) & (MT)

Table 100. Europe High Modulus Carbon Fiber Sales Quantity by Country (2021-2026)

& (MT)

Table 101. Europe High Modulus Carbon Fiber Sales Quantity by Country (2027-2032)

& (MT)

Table 102. Europe High Modulus Carbon Fiber Consumption Value by Country

(2021-2026) & (USD Million)

Table 103. Europe High Modulus Carbon Fiber Consumption Value by Country

(2027-2032) & (USD Million)

Table 104. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Modulus Tier

(2021-2026) & (MT)

Table 105. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Modulus Tier

(2027-2032) & (MT)

Table 106. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Application

(2021-2026) & (MT)

Table 107. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Application

(2027-2032) & (MT)

Table 108. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Region

(2021-2026) & (MT)

Table 109. Asia-Pacific High Modulus Carbon Fiber Sales Quantity by Region

(2027-2032) & (MT)

Table 110. Asia-Pacific High Modulus Carbon Fiber Consumption Value by Region

(2021-2026) & (USD Million)

Table 111. Asia-Pacific High Modulus Carbon Fiber Consumption Value by Region

(2027-2032) & (USD Million)

- Table 112. South America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2026) & (MT)
- Table 113. South America High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2027-2032) & (MT)
- Table 114. South America High Modulus Carbon Fiber Sales Quantity by Application (2021-2026) & (MT)
- Table 115. South America High Modulus Carbon Fiber Sales Quantity by Application (2027-2032) & (MT)
- Table 116. South America High Modulus Carbon Fiber Sales Quantity by Country (2021-2026) & (MT)
- Table 117. South America High Modulus Carbon Fiber Sales Quantity by Country (2027-2032) & (MT)
- Table 118. South America High Modulus Carbon Fiber Consumption Value by Country (2021-2026) & (USD Million)
- Table 119. South America High Modulus Carbon Fiber Consumption Value by Country (2027-2032) & (USD Million)
- Table 120. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2021-2026) & (MT)
- Table 121. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Modulus Tier (2027-2032) & (MT)
- Table 122. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Application (2021-2026) & (MT)
- Table 123. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Application (2027-2032) & (MT)
- Table 124. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Country (2021-2026) & (MT)
- Table 125. Middle East & Africa High Modulus Carbon Fiber Sales Quantity by Country (2027-2032) & (MT)
- Table 126. Middle East & Africa High Modulus Carbon Fiber Consumption Value by Country (2021-2026) & (USD Million)
- Table 127. Middle East & Africa High Modulus Carbon Fiber Consumption Value by Country (2027-2032) & (USD Million)
- Table 128. High Modulus Carbon Fiber Raw Material
- Table 129. Key Manufacturers of High Modulus Carbon Fiber Raw Materials
- Table 130. High Modulus Carbon Fiber Typical Distributors
- Table 131. High Modulus Carbon Fiber Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. High Modulus Carbon Fiber Picture
- Figure 2. Global High Modulus Carbon Fiber Revenue by Modulus Tier, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global High Modulus Carbon Fiber Revenue Market Share by Modulus Tier in 2025
- Figure 4. High Modulus (HM) Grade Examples
- Figure 5. Ultra High Modulus (UHM) Grade Examples
- Figure 6. Global High Modulus Carbon Fiber Revenue by Product Form, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global High Modulus Carbon Fiber Revenue Market Share by Product Form in 2025
- Figure 8. Continuous Tow or Yarn Examples
- Figure 9. Chopped Fiber Examples
- Figure 10. Milled Fiber Examples
- Figure 11. Global High Modulus Carbon Fiber Revenue by Precursor, (USD Million), 2021 & 2025 & 2032
- Figure 12. Global High Modulus Carbon Fiber Revenue Market Share by Precursor in 2025
- Figure 13. PAN-based Examples
- Figure 14. Pitch-based Examples
- Figure 15. Global High Modulus Carbon Fiber Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 16. Global High Modulus Carbon Fiber Revenue Market Share by Application in 2025
- Figure 17. Aerospace Examples
- Figure 18. High-end Manufacturing Examples
- Figure 19. Sports/Leisure Examples
- Figure 20. Others Examples
- Figure 21. Global High Modulus Carbon Fiber Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 22. Global High Modulus Carbon Fiber Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 23. Global High Modulus Carbon Fiber Sales Quantity (2021-2032) & (MT)
- Figure 24. Global High Modulus Carbon Fiber Price (2021-2032) & (US\$/Kg)
- Figure 25. Global High Modulus Carbon Fiber Sales Quantity Market Share by

Manufacturer in 2025

Figure 26. Global High Modulus Carbon Fiber Revenue Market Share by Manufacturer in 2025

Figure 27. Producer Shipments of High Modulus Carbon Fiber by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 28. Top 3 High Modulus Carbon Fiber Manufacturer (Revenue) Market Share in 2025

Figure 29. Top 6 High Modulus Carbon Fiber Manufacturer (Revenue) Market Share in 2025

Figure 30. Global High Modulus Carbon Fiber Sales Quantity Market Share by Region (2021-2032)

Figure 31. Global High Modulus Carbon Fiber Consumption Value Market Share by Region (2021-2032)

Figure 32. North America High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 33. Europe High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 34. Asia-Pacific High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 35. South America High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 36. Middle East & Africa High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 37. Global High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 38. Global High Modulus Carbon Fiber Consumption Value Market Share by Modulus Tier (2021-2032)

Figure 39. Global High Modulus Carbon Fiber Average Price by Modulus Tier (2021-2032) & (US\$/Kg)

Figure 40. Global High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 41. Global High Modulus Carbon Fiber Revenue Market Share by Application (2021-2032)

Figure 42. Global High Modulus Carbon Fiber Average Price by Application (2021-2032) & (US\$/Kg)

Figure 43. North America High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 44. North America High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 45. North America High Modulus Carbon Fiber Sales Quantity Market Share by Country (2021-2032)

Figure 46. North America High Modulus Carbon Fiber Consumption Value Market Share by Country (2021-2032)

Figure 47. United States High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 48. Canada High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 49. Mexico High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 50. Europe High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 51. Europe High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 52. Europe High Modulus Carbon Fiber Sales Quantity Market Share by Country (2021-2032)

Figure 53. Europe High Modulus Carbon Fiber Consumption Value Market Share by Country (2021-2032)

Figure 54. Germany High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 55. France High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 56. United Kingdom High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 57. Russia High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 58. Italy High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 59. Asia-Pacific High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 60. Asia-Pacific High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 61. Asia-Pacific High Modulus Carbon Fiber Sales Quantity Market Share by Region (2021-2032)

Figure 62. Asia-Pacific High Modulus Carbon Fiber Consumption Value Market Share by Region (2021-2032)

Figure 63. China High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 64. Japan High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Million)

Figure 65. South Korea High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 66. India High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 67. Southeast Asia High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 68. Australia High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 69. South America High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 70. South America High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 71. South America High Modulus Carbon Fiber Sales Quantity Market Share by Country (2021-2032)

Figure 72. South America High Modulus Carbon Fiber Consumption Value Market Share by Country (2021-2032)

Figure 73. Brazil High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 74. Argentina High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 75. Middle East & Africa High Modulus Carbon Fiber Sales Quantity Market Share by Modulus Tier (2021-2032)

Figure 76. Middle East & Africa High Modulus Carbon Fiber Sales Quantity Market Share by Application (2021-2032)

Figure 77. Middle East & Africa High Modulus Carbon Fiber Sales Quantity Market Share by Country (2021-2032)

Figure 78. Middle East & Africa High Modulus Carbon Fiber Consumption Value Market Share by Country (2021-2032)

Figure 79. Turkey High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 80. Egypt High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 81. Saudi Arabia High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 82. South Africa High Modulus Carbon Fiber Consumption Value (2021-2032) & (USD Million)

Figure 83. High Modulus Carbon Fiber Market Drivers

Figure 84. High Modulus Carbon Fiber Market Restraints

- Figure 85. High Modulus Carbon Fiber Market Trends
- Figure 86. Porters Five Forces Analysis
- Figure 87. Manufacturing Cost Structure Analysis of High Modulus Carbon Fiber in 2025
- Figure 88. Manufacturing Process Analysis of High Modulus Carbon Fiber
- Figure 89. High Modulus Carbon Fiber Industrial Chain
- Figure 90. Sales Channel: Direct to End-User vs Distributors
- Figure 91. Direct Channel Pros & Cons
- Figure 92. Indirect Channel Pros & Cons
- Figure 93. Methodology
- Figure 94. Research Process and Data Source

I would like to order

Product name: Global High Modulus Carbon Fiber Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GEA7EB56E84EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEA7EB56E84EN.html>