

# Polyacrylonitrile-based Carbon Fibers Textile Market, Global Outlook and Forecast 2022-2028

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# Abstracts

Carbon fiber fabric is one of its main application forms. Carbon fiber woven fabric has high tensile strength, low density, low weight, low thermal expansion and excellent fatigue resistance. It is generally bidirectional, with many different weaving methods, the most common are plain weave, twill weave and satin weave.

This report contains market size and forecasts of Polyacrylonitrile-based Carbon Fibers Textile in global, including the following market information:

Global Polyacrylonitrile-based Carbon Fibers Textile Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Polyacrylonitrile-based Carbon Fibers Textile Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Polyacrylonitrile-based Carbon Fibers Textile companies in 2021 (%)

The global Polyacrylonitrile-based Carbon Fibers Textile market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Plain Weave Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Polyacrylonitrile-based Carbon Fibers Textile include



Toray, Sigmatex, Chomarat, Mitsubishi Chemical, BGF Industries, SGL Carbon, Hexcel, Selcom and Gernitex, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Polyacrylonitrile-based Carbon Fibers Textile manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Polyacrylonitrile-based Carbon Fibers Textile Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Polyacrylonitrile-based Carbon Fibers Textile Market Segment Percentages, by Type, 2021 (%)

Plain Weave

Twill Weave

Satin Weave

Global Polyacrylonitrile-based Carbon Fibers Textile Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Polyacrylonitrile-based Carbon Fibers Textile Market Segment Percentages, by Application, 2021 (%)

Aerospace & Defense

Automotive

Wind Energy

Sporting Goods



Other

Global Polyacrylonitrile-based Carbon Fibers Textile Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Polyacrylonitrile-based Carbon Fibers Textile Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China



Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

**Competitor Analysis** 

The report also provides analysis of leading market participants including:

Key companies Polyacrylonitrile-based Carbon Fibers Textile revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Polyacrylonitrile-based Carbon Fibers Textile revenues share in global



market, 2021 (%)

Key companies Polyacrylonitrile-based Carbon Fibers Textile sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Polyacrylonitrile-based Carbon Fibers Textile sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Toray

Sigmatex

Chomarat

Mitsubishi Chemical

**BGF** Industries

SGL Carbon

Hexcel

Selcom

Gernitex

Weihai Guangwei

Shanghai Horse Construction

Oxeon

Formosa Taffeta

Hyundai Fiber

Hengshen



Sinofibers Technology



# Contents

#### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Polyacrylonitrile-based Carbon Fibers Textile Market Definition
- 1.2 Market Segments
- 1.2.1 Market by Type
- 1.2.2 Market by Application
- 1.3 Global Polyacrylonitrile-based Carbon Fibers Textile Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
- 1.5.1 Research Methodology
- 1.5.2 Research Process
- 1.5.3 Base Year
- 1.5.4 Report Assumptions & Caveats

# 2 GLOBAL POLYACRYLONITRILE-BASED CARBON FIBERS TEXTILE OVERALL MARKET SIZE

2.1 Global Polyacrylonitrile-based Carbon Fibers Textile Market Size: 2021 VS 20282.2 Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, Prospects &

Forecasts: 2017-2028

2.3 Global Polyacrylonitrile-based Carbon Fibers Textile Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

3.1 Top Polyacrylonitrile-based Carbon Fibers Textile Players in Global Market

3.2 Top Global Polyacrylonitrile-based Carbon Fibers Textile Companies Ranked by Revenue

3.3 Global Polyacrylonitrile-based Carbon Fibers Textile Revenue by Companies

3.4 Global Polyacrylonitrile-based Carbon Fibers Textile Sales by Companies

3.5 Global Polyacrylonitrile-based Carbon Fibers Textile Price by Manufacturer (2017-2022)

3.6 Top 3 and Top 5 Polyacrylonitrile-based Carbon Fibers Textile Companies in Global Market, by Revenue in 2021

3.7 Global Manufacturers Polyacrylonitrile-based Carbon Fibers Textile Product Type3.8 Tier 1, Tier 2 and Tier 3 Polyacrylonitrile-based Carbon Fibers Textile Players inGlobal Market

3.8.1 List of Global Tier 1 Polyacrylonitrile-based Carbon Fibers Textile Companies



3.8.2 List of Global Tier 2 and Tier 3 Polyacrylonitrile-based Carbon Fibers Textile Companies

### **4 SIGHTS BY PRODUCT**

4.1 Overview

4.1.1 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Market Size Markets, 2021 & 2028

4.1.2 Plain Weave

4.1.3 Twill Weave

4.1.4 Satin Weave

4.2 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue & Forecasts

4.2.1 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2022

4.2.2 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2023-2028

4.2.3 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028

4.3 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales & Forecasts

4.3.1 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2022

4.3.2 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales, 2023-2028

4.3.3 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028

4.4 By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Price (Manufacturers Selling Prices), 2017-2028

### **5 SIGHTS BY APPLICATION**

5.1 Overview

5.1.1 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2021 & 2028

5.1.2 Aerospace & Defense

5.1.3 Automotive

5.1.4 Wind Energy

5.1.5 Sporting Goods

5.1.6 Other

5.2 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue & Forecasts



5.2.1 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2022

5.2.2 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2023-2028

5.2.3 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028

5.3 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales & Forecasts

5.3.1 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2022

5.3.2 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales, 2023-2028

5.3.3 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028

5.4 By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Price (Manufacturers Selling Prices), 2017-2028

### **6 SIGHTS BY REGION**

6.1 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2021& 2028

6.2 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue & Forecasts

6.2.1 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2022

6.2.2 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2023-2028

6.2.3 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028

6.3 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales & Forecasts6.3.1 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales,2017-2022

6.3.2 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales, 2023-2028

6.3.3 By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028



6.4.2 By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2028

6.4.3 US Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.4.4 Canada Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.4.5 Mexico Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-20286.5 Europe

6.5.1 By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028

6.5.2 By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2028

6.5.3 Germany Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.4 France Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.5 U.K. Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.6 Italy Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.7 Russia Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.8 Nordic Countries Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.5.9 Benelux Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-20286.6 Asia

6.6.1 By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028

6.6.2 By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2028

6.6.3 China Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.6.4 Japan Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.6.5 South Korea Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.6.6 Southeast Asia Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.6.7 India Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-20286.7 South America

6.7.1 By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028

6.7.2 By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2028

6.7.3 Brazil Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.7.4 Argentina Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-20286.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028



6.8.2 By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Sales, 2017-2028

6.8.3 Turkey Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.8.4 Israel Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.8.5 Saudi Arabia Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

6.8.6 UAE Polyacrylonitrile-based Carbon Fibers Textile Market Size, 2017-2028

# 7 MANUFACTURERS & BRANDS PROFILES

7.1 Toray

7.1.1 Toray Corporate Summary

7.1.2 Toray Business Overview

7.1.3 Toray Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.1.4 Toray Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in

Global (2017-2022)

7.1.5 Toray Key News

7.2 Sigmatex

- 7.2.1 Sigmatex Corporate Summary
- 7.2.2 Sigmatex Business Overview
- 7.2.3 Sigmatex Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.2.4 Sigmatex Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.2.5 Sigmatex Key News

7.3 Chomarat

7.3.1 Chomarat Corporate Summary

7.3.2 Chomarat Business Overview

7.3.3 Chomarat Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.3.4 Chomarat Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.3.5 Chomarat Key News

7.4 Mitsubishi Chemical

- 7.4.1 Mitsubishi Chemical Corporate Summary
- 7.4.2 Mitsubishi Chemical Business Overview

7.4.3 Mitsubishi Chemical Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.4.4 Mitsubishi Chemical Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.4.5 Mitsubishi Chemical Key News



7.5 BGF Industries

7.5.1 BGF Industries Corporate Summary

7.5.2 BGF Industries Business Overview

7.5.3 BGF Industries Polyacrylonitrile-based Carbon Fibers Textile Major Product

Offerings

7.5.4 BGF Industries Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.5.5 BGF Industries Key News

7.6 SGL Carbon

7.6.1 SGL Carbon Corporate Summary

7.6.2 SGL Carbon Business Overview

7.6.3 SGL Carbon Polyacrylonitrile-based Carbon Fibers Textile Major Product

Offerings

7.6.4 SGL Carbon Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.6.5 SGL Carbon Key News

7.7 Hexcel

- 7.7.1 Hexcel Corporate Summary
- 7.7.2 Hexcel Business Overview
- 7.7.3 Hexcel Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.7.4 Hexcel Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.7.5 Hexcel Key News

- 7.8 Selcom
  - 7.8.1 Selcom Corporate Summary
  - 7.8.2 Selcom Business Overview
  - 7.8.3 Selcom Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.8.4 Selcom Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.8.5 Selcom Key News

7.9 Gernitex

7.9.1 Gernitex Corporate Summary

- 7.9.2 Gernitex Business Overview
- 7.9.3 Gernitex Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.9.4 Gernitex Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.9.5 Gernitex Key News

7.10 Weihai Guangwei

7.10.1 Weihai Guangwei Corporate Summary



7.10.2 Weihai Guangwei Business Overview

7.10.3 Weihai Guangwei Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.10.4 Weihai Guangwei Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.10.5 Weihai Guangwei Key News

7.11 Shanghai Horse Construction

7.11.1 Shanghai Horse Construction Corporate Summary

7.11.2 Shanghai Horse Construction Polyacrylonitrile-based Carbon Fibers Textile Business Overview

7.11.3 Shanghai Horse Construction Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.11.4 Shanghai Horse Construction Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.11.5 Shanghai Horse Construction Key News

7.12 Oxeon

7.12.1 Oxeon Corporate Summary

7.12.2 Oxeon Polyacrylonitrile-based Carbon Fibers Textile Business Overview

7.12.3 Oxeon Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.12.4 Oxeon Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.12.5 Oxeon Key News

7.13 Formosa Taffeta

7.13.1 Formosa Taffeta Corporate Summary

7.13.2 Formosa Taffeta Polyacrylonitrile-based Carbon Fibers Textile Business Overview

7.13.3 Formosa Taffeta Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.13.4 Formosa Taffeta Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.13.5 Formosa Taffeta Key News

7.14 Hyundai Fiber

7.14.1 Hyundai Fiber Corporate Summary

7.14.2 Hyundai Fiber Business Overview

7.14.3 Hyundai Fiber Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.14.4 Hyundai Fiber Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.14.5 Hyundai Fiber Key News



7.15 Hengshen

7.15.1 Hengshen Corporate Summary

7.15.2 Hengshen Business Overview

7.15.3 Hengshen Polyacrylonitrile-based Carbon Fibers Textile Major Product

Offerings

7.15.4 Hengshen Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.15.5 Hengshen Key News

7.16 Sinofibers Technology

7.16.1 Sinofibers Technology Corporate Summary

7.16.2 Sinofibers Technology Business Overview

7.16.3 Sinofibers Technology Polyacrylonitrile-based Carbon Fibers Textile Major Product Offerings

7.16.4 Sinofibers Technology Polyacrylonitrile-based Carbon Fibers Textile Sales and Revenue in Global (2017-2022)

7.16.5 Sinofibers Technology Key News

# 8 GLOBAL POLYACRYLONITRILE-BASED CARBON FIBERS TEXTILE PRODUCTION CAPACITY, ANALYSIS

8.1 Global Polyacrylonitrile-based Carbon Fibers Textile Production Capacity, 2017-2028

8.2 Polyacrylonitrile-based Carbon Fibers Textile Production Capacity of Key Manufacturers in Global Market

8.3 Global Polyacrylonitrile-based Carbon Fibers Textile Production by Region

# 9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

# 10 POLYACRYLONITRILE-BASED CARBON FIBERS TEXTILE SUPPLY CHAIN ANALYSIS

10.1 Polyacrylonitrile-based Carbon Fibers Textile Industry Value Chain

- 10.2 Polyacrylonitrile-based Carbon Fibers Textile Upstream Market
- 10.3 Polyacrylonitrile-based Carbon Fibers Textile Downstream and Clients
- 10.4 Marketing Channels Analysis

Polyacrylonitrile-based Carbon Fibers Textile Market, Global Outlook and Forecast 2022-2028



10.4.1 Marketing Channels

10.4.2 Polyacrylonitrile-based Carbon Fibers Textile Distributors and Sales Agents in Global

#### **11 CONCLUSION**

#### **12 APPENDIX**

12.1 Note

- 12.2 Examples of Clients
- 12.3 Disclaimer



# List Of Tables

#### LIST OF TABLES

Table 1. Key Players of Polyacrylonitrile-based Carbon Fibers Textile in Global Market Table 2. Top Polyacrylonitrile-based Carbon Fibers Textile Players in Global Market, Ranking by Revenue (2021) Table 3. Global Polyacrylonitrile-based Carbon Fibers Textile Revenue by Companies, (US\$, Mn), 2017-2022 Table 4. Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Share by Companies, 2017-2022 Table 5. Global Polyacrylonitrile-based Carbon Fibers Textile Sales by Companies, (Tons), 2017-2022 Table 6. Global Polyacrylonitrile-based Carbon Fibers Textile Sales Share by Companies, 2017-2022 Table 7. Key Manufacturers Polyacrylonitrile-based Carbon Fibers Textile Price (2017-2022) & (US\$/Ton) Table 8. Global Manufacturers Polyacrylonitrile-based Carbon Fibers Textile Product Type Table 9. List of Global Tier 1 Polyacrylonitrile-based Carbon Fibers Textile Companies, Revenue (US\$, Mn) in 2021 and Market Share Table 10. List of Global Tier 2 and Tier 3 Polyacrylonitrile-based Carbon Fibers Textile Companies, Revenue (US\$, Mn) in 2021 and Market Share Table 11. By Type – Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2021 & 2028 Table 12. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2017-2022 Table 13. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2023-2028 Table 14. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2017-2022 Table 15. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2023-2028 Table 16. By Application – Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2021 & 2028 Table 17. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2017-2022 Table 18. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2023-2028



Table 19. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2017-2022 Table 20. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2023-2028 Table 21. By Region – Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2021 VS 2028 Table 22. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2017-2022 Table 23. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue (US\$, Mn), 2023-2028 Table 24. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2017-2022 Table 25. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), 2023-2028 Table 26. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2022 Table 27. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2023-2028 Table 28. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2017-2022 Table 29. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2023-2028 Table 30. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2022 Table 31. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2023-2028 Table 32. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2017-2022 Table 33. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2023-2028 Table 34. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2022 Table 35. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2023-2028 Table 36. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2017-2022 Table 37. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2023-2028 Table 38. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile



Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2017-2022

Table 41. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2023-2028

Table 42. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2017-2022

Table 45. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Sales, (Tons), 2023-2028

- Table 46. Toray Corporate Summary
- Table 47. Toray Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 48. Toray Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue

- (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 49. Sigmatex Corporate Summary
- Table 50. Sigmatex Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 51. Sigmatex Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

- Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 52. Chomarat Corporate Summary
- Table 53. Chomarat Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 54. Chomarat Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 55. Mitsubishi Chemical Corporate Summary

Table 56. Mitsubishi Chemical Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 57. Mitsubishi Chemical Polyacrylonitrile-based Carbon Fibers Textile Sales

(Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

 Table 58. BGF Industries Corporate Summary

Table 59. BGF Industries Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 60. BGF Industries Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 61. SGL Carbon Corporate Summary

Table 62. SGL Carbon Polyacrylonitrile-based Carbon Fibers Textile Product Offerings



Table 63. SGL Carbon Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 64. Hexcel Corporate Summary

Table 65. Hexcel Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 66. Hexcel Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue

(US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 67. Selcom Corporate Summary

 Table 68. Selcom Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 69. Selcom Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue

(US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 70. Gernitex Corporate Summary

Table 71. Gernitex Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 72. Gernitex Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue

(US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 73. Weihai Guangwei Corporate Summary

Table 74. Weihai Guangwei Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 75. Weihai Guangwei Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

 Table 76. Shanghai Horse Construction Corporate Summary

Table 77. Shanghai Horse Construction Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 78. Shanghai Horse Construction Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 79. Oxeon Corporate Summary

Table 80. Oxeon Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 81. Oxeon Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue

(US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 82. Formosa Taffeta Corporate Summary

Table 83. Formosa Taffeta Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 84. Formosa Taffeta Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 85. Hyundai Fiber Corporate Summary

Table 86. Hyundai Fiber Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 87. Hyundai Fiber Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 88. Hengshen Corporate Summary

Table 89. Hengshen Polyacrylonitrile-based Carbon Fibers Textile Product Offerings



Table 90. Hengshen Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons),

Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 91. Sinofibers Technology Corporate Summary

Table 92. Sinofibers Technology Polyacrylonitrile-based Carbon Fibers Textile Product Offerings

Table 93. Sinofibers Technology Polyacrylonitrile-based Carbon Fibers Textile Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 94. Polyacrylonitrile-based Carbon Fibers Textile Production Capacity (Tons) of Key Manufacturers in Global Market, 2020-2022 (Tons)

Table 95. Global Polyacrylonitrile-based Carbon Fibers Textile Capacity Market Share of Key Manufacturers, 2020-2022

Table 96. Global Polyacrylonitrile-based Carbon Fibers Textile Production by Region, 2017-2022 (Tons)

Table 97. Global Polyacrylonitrile-based Carbon Fibers Textile Production by Region, 2023-2028 (Tons)

Table 98. Polyacrylonitrile-based Carbon Fibers Textile Market Opportunities & Trends in Global Market

Table 99. Polyacrylonitrile-based Carbon Fibers Textile Market Drivers in Global Market Table 100. Polyacrylonitrile-based Carbon Fibers Textile Market Restraints in Global Market

Table 101. Polyacrylonitrile-based Carbon Fibers Textile Raw Materials

Table 102. Polyacrylonitrile-based Carbon Fibers Textile Raw Materials Suppliers in Global Market

Table 103. Typical Polyacrylonitrile-based Carbon Fibers Textile Downstream

Table 104. Polyacrylonitrile-based Carbon Fibers Textile Downstream Clients in Global Market

Table 105. Polyacrylonitrile-based Carbon Fibers Textile Distributors and Sales Agents in Global Market



# **List Of Figures**

#### **LIST OF FIGURES**

Figure 1. Polyacrylonitrile-based Carbon Fibers Textile Segment by Type Figure 2. Polyacrylonitrile-based Carbon Fibers Textile Segment by Application Figure 3. Global Polyacrylonitrile-based Carbon Fibers Textile Market Overview: 2021 Figure 4. Key Caveats Figure 5. Global Polyacrylonitrile-based Carbon Fibers Textile Market Size: 2021 VS 2028 (US\$, Mn) Figure 6. Global Polyacrylonitrile-based Carbon Fibers Textile Revenue, 2017-2028 (US\$, Mn) Figure 7. Polyacrylonitrile-based Carbon Fibers Textile Sales in Global Market: 2017-2028 (Tons) Figure 8. The Top 3 and 5 Players Market Share by Polyacrylonitrile-based Carbon Fibers Textile Revenue in 2021 Figure 9. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 10. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 11. By Type - Global Polyacrylonitrile-based Carbon Fibers Textile Price (US\$/Ton), 2017-2028 Figure 12. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 13. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 14. By Application - Global Polyacrylonitrile-based Carbon Fibers Textile Price (US\$/Ton), 2017-2028 Figure 15. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 16. By Region - Global Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 17. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 18. By Country - North America Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 19. US Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 20. Canada Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn),



2017-2028

Figure 21. Mexico Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 22. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 23. By Country - Europe Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 24. Germany Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 25. France Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 26. U.K. Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 27. Italy Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 28. Russia Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 29. Nordic Countries Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 30. Benelux Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 31. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 32. By Region - Asia Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028 Figure 33. China Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 34. Japan Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 35. South Korea Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 36. Southeast Asia Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 37. India Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028 Figure 38. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028 Figure 39. By Country - South America Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028



Figure 40. Brazil Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Polyacrylonitrile-based Carbon Fibers Textile Sales Market Share, 2017-2028

Figure 44. Turkey Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Polyacrylonitrile-based Carbon Fibers Textile Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Polyacrylonitrile-based Carbon Fibers Textile Production Capacity (Tons), 2017-2028

Figure 49. The Percentage of Production Polyacrylonitrile-based Carbon Fibers Textile by Region, 2021 VS 2028

Figure 50. Polyacrylonitrile-based Carbon Fibers Textile Industry Value Chain

Figure 51. Marketing Channels



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