

Global PAN-based Carbon Fiber Market Status, Trends and COVID-19 Impact Report 2022

https://marketpublishers.com/r/G271BF6EB4F9EN.html

Date: February 2023

Pages: 119

Price: US\$ 2,350.00 (Single User License)

ID: G271BF6EB4F9EN

Abstracts

In the past few years, the PAN-based Carbon Fiber market experienced a huge change under the influence of COVID-19 and Russia-Ukraine War, the global market size of PAN-based Carbon Fiber reached XXX million \$ in 2022 from XXX in 2017 with a CAGR of XXX from 2017-2022. Facing the complicated international situation, the future of the PAN-based Carbon Fiber market is full of uncertain. BisReport predicts that the global PAN-based Carbon Fiber market size will reach XXX million \$in 2028 with a CAGR of xx% from 2022-2028.

Since the outbreak of COVID-19, the world economy continues to suffer from a series of destabilizing shocks, many companies experienced bankruptcy and a sharp decline in turnover. After more than two years of pandemic, global economy began to recover, entering 2022, the Russian Federation's invasion of Ukraine and its global effects on commodity markets, supply chains, inflation, and financial conditions have steepened the slowdown in global growth. In particular, the war in Ukraine is leading to soaring prices and volatility in energy markets, with improvements in activity in energy exporters more than offset by headwinds to activity in most other economies. The invasion of Ukraine has also led to a significant increase in agricultural commodity prices, which is exacerbating food insecurity and extreme poverty in many emerging market and developing economies.

Numerous risks could further derail what is now a precarious recovery. Among them is, in particular, the possibility of stubbornly high global inflation accompanied by tepid growth, reminiscent of the stagflation of the 1970s. This could eventually result in a sharp tightening of monetary policy in advanced economies to rein in inflation, lead to surging borrowing costs, and possibly culminate in financial stress in some emerging market and developing economies. A forceful and wide-ranging policy response is



required by policy makers in these economies and the global community to boost growth, bolster macroeconomic frameworks, reduce financial vulnerabilities, provide support to vulnerable population groups, and attenuate the long-term impacts of the global shocks of recent years.

In this complex international situation, BisReport published Global PAN-based Carbon Fiber Market Status, Trends and COVID-19 Impact Report 2022, which provides a comprehensive analysis of the global PAN-based Carbon Fiber market, This Report covers the manufacturer data, including: sales volume, price, revenue, gross margin, business distribution etc., these data help the consumer know about the competitors better. This report also covers all the regions and countries of the world, which shows the regional development status, including market size, volume and value, as well as price data. Besides, the report also covers segment data, including: type segment, application segment, channel segment etc. historic data period is from 2017-2022, the forecast data from 2023-2028.

Section 1: 100 USD——Market Overview

Section (2 3): 1200 USD — Manufacturer Detail

Toray

Teijin Carbon (Toho Tenax)

Mitsubishi Chemical

Hexcel Corporation

Formosa Plastics Corporation

Cytec

DowAksa

Sabic

Zoltek

SGL

Hyosung

Taekwang

Section 4: 900 USD——Region Segment

North America (United States, Canada, Mexico)

South America (Brazil, Argentina, Other)

Asia Pacific (China, Japan, India, Korea, Southeast Asia)

Europe (Germany, UK, France, Spain, Russia, Italy)

Middle East and Africa (Middle East, South Africa, Egypt)



Section (5 6 7): 700 USD——
Product Type Segment
Small Tow
Big Tow

Application Segment Automobile Aviation Wind Power

Channel Segment (Direct Sales, Distribution Channel)

Section 8: 500 USD—Market Forecast (2023-2028)

Section 9: 600 USD——Downstream Customers

Section 10: 200 USD——Raw Material and Manufacturing Cost

Section 11: 500 USD——Conclusion

Section 12: Research Method and Data Source



Contents

SECTION 1 PAN-BASED CARBON FIBER MARKET OVERVIEW

- 1.1 PAN-based Carbon Fiber Market Scope
- 1.2 COVID-19 Impact on PAN-based Carbon Fiber Market
- 1.3 Global PAN-based Carbon Fiber Market Status and Forecast Overview
 - 1.3.1 Global PAN-based Carbon Fiber Market Status 2017-2022
- 1.3.2 Global PAN-based Carbon Fiber Market Forecast 2023-2028
- 1.4 Global PAN-based Carbon Fiber Market Overview by Region
- 1.5 Global PAN-based Carbon Fiber Market Overview by Type
- 1.6 Global PAN-based Carbon Fiber Market Overview by Application

SECTION 2 GLOBAL PAN-BASED CARBON FIBER MARKET MANUFACTURER SHARE

- 2.1 Global Manufacturer PAN-based Carbon Fiber Sales Volume
- 2.2 Global Manufacturer PAN-based Carbon Fiber Business Revenue
- 2.3 Global Manufacturer PAN-based Carbon Fiber Price

SECTION 3 MANUFACTURER PAN-BASED CARBON FIBER BUSINESS INTRODUCTION

- 3.1 Toray PAN-based Carbon Fiber Business Introduction
- 3.1.1 Toray PAN-based Carbon Fiber Sales Volume, Price, Revenue and Gross margin 2017-2022
 - 3.1.2 Toray PAN-based Carbon Fiber Business Distribution by Region
 - 3.1.3 Toray Interview Record
 - 3.1.4 Toray PAN-based Carbon Fiber Business Profile
 - 3.1.5 Toray PAN-based Carbon Fiber Product Specification
- 3.2 Teijin Carbon (Toho Tenax) PAN-based Carbon Fiber Business Introduction
- 3.2.1 Teijin Carbon (Toho Tenax) PAN-based Carbon Fiber Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.2.2 Teijin Carbon (Toho Tenax) PAN-based Carbon Fiber Business Distribution by Region
 - 3.2.3 Interview Record
- 3.2.4 Teijin Carbon (Toho Tenax) PAN-based Carbon Fiber Business Overview
- 3.2.5 Teijin Carbon (Toho Tenax) PAN-based Carbon Fiber Product Specification
- 3.3 Manufacturer three PAN-based Carbon Fiber Business Introduction



- 3.3.1 Manufacturer three PAN-based Carbon Fiber Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.3.2 Manufacturer three PAN-based Carbon Fiber Business Distribution by Region
- 3.3.3 Interview Record
- 3.3.4 Manufacturer three PAN-based Carbon Fiber Business Overview
- 3.3.5 Manufacturer three PAN-based Carbon Fiber Product Specification
- 3.4 Manufacturer four PAN-based Carbon Fiber Business Introduction
- 3.4.1 Manufacturer four PAN-based Carbon Fiber Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.4.2 Manufacturer four PAN-based Carbon Fiber Business Distribution by Region
- 3.4.3 Interview Record
- 3.4.4 Manufacturer four PAN-based Carbon Fiber Business Overview
- 3.4.5 Manufacturer four PAN-based Carbon Fiber Product Specification

3.5

3.6

SECTION 4 GLOBAL PAN-BASED CARBON FIBER MARKET SEGMENT (BY REGION)

- 4.1 North America Country
- 4.1.1 United States PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.1.2 Canada PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.1.3 Mexico PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.2 South America Country
 - 4.2.1 Brazil PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.2.2 Argentina PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.3 Asia Pacific
 - 4.3.1 China PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.3.2 Japan PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.3.3 India PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.3.4 Korea PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.3.5 Southeast Asia PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.4 Europe Country
 - 4.4.1 Germany PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.4.2 UK PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
 - 4.4.3 France PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.4.4 Spain PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022



- 4.4.5 Russia PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.4.6 Italy PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.5 Middle East and Africa
 - 4.5.1 Middle East PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.5.2 South Africa PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.5.3 Egypt PAN-based Carbon Fiber Market Size and Price Analysis 2017-2022
- 4.6 Global PAN-based Carbon Fiber Market Segment (By Region) Analysis 2017-2022
- 4.7 Global PAN-based Carbon Fiber Market Segment (By Country) Analysis 2017-2022
- 4.8 Global PAN-based Carbon Fiber Market Segment (By Region) Analysis

SECTION 5 GLOBAL PAN-BASED CARBON FIBER MARKET SEGMENT (BY PRODUCT TYPE)

- 5.1 Product Introduction by Type
 - 5.1.1 Small Tow Product Introduction
 - 5.1.2 Big Tow Product Introduction
- 5.2 Global PAN-based Carbon Fiber Sales Volume (by Type) 2017-2022
- 5.3 Global PAN-based Carbon Fiber Market Size (by Type) 2017-2022
- 5.4 Different PAN-based Carbon Fiber Product Type Price 2017-2022
- 5.5 Global PAN-based Carbon Fiber Market Segment (By Type) Analysis

SECTION 6 GLOBAL PAN-BASED CARBON FIBER MARKET SEGMENT (BY APPLICATION)

- 6.1 Global PAN-based Carbon Fiber Sales Volume (by Application) 2017-2022
- 6.2 Global PAN-based Carbon Fiber Market Size (by Application) 2017-2022
- 6.3 PAN-based Carbon Fiber Price in Different Application Field 2017-2022
- 6.4 Global PAN-based Carbon Fiber Market Segment (By Application) Analysis

SECTION 7 GLOBAL PAN-BASED CARBON FIBER MARKET SEGMENT (BY CHANNEL)

- 7.1 Global PAN-based Carbon Fiber Market Segment (By Channel) Sales Volume and Share 2017-2022
- 7.2 Global PAN-based Carbon Fiber Market Segment (By Channel) Analysis

SECTION 8 GLOBAL PAN-BASED CARBON FIBER MARKET FORECAST 2023-2028



- 8.1 PAN-based Carbon Fiber Segment Market Forecast 2023-2028 (By Region)
- 8.2 PAN-based Carbon Fiber Segment Market Forecast 2023-2028 (By Type)
- 8.3 PAN-based Carbon Fiber Segment Market Forecast 2023-2028 (By Application)
- 8.4 PAN-based Carbon Fiber Segment Market Forecast 2023-2028 (By Channel)
- 8.5 Global PAN-based Carbon Fiber Price (USD/Unit) Forecast

SECTION 9 PAN-BASED CARBON FIBER APPLICATION AND CUSTOMER ANALYSIS

- 9.1 Automobile Customers
- 9.2 Aviation Customers
- 9.3 Wind Power Customers

SECTION 10 PAN-BASED CARBON FIBER MANUFACTURING COST OF ANALYSIS

- 10.1 Raw Material Cost Analysis
- 10.2 Labor Cost Analysis
- 10.3 Cost Overview

SECTION 11 CONCLUSION

12 RESEARCH METHOD AND DATA SOURCE



Chart And Figure

CHART AND FIGURE

Figure PAN-based Carbon Fiber Product Picture

Chart Global PAN-based Carbon Fiber Market Size (with or without the impact of COVID-19)

Chart Global PAN-based Carbon Fiber Sales Volume (Units) and Growth Rate 2017-2022

Chart Global PAN-based Carbon Fiber Market Size (Million \$) and Growth Rate 2017-2022

Chart Global PAN-based Carbon Fiber Sales Volume (Units) and Growth Rate 2023-2028

Chart Global PAN-based Carbon Fiber Market Size (Million \$) and Growth Rate 2023-2028

Table Global PAN-based Carbon Fiber Market Overview by Region

Table Global PAN-based Carbon Fiber Market Overview by Type

Table Global PAN-based Carbon Fiber Market Overview by Application

Chart 2017-2022 Global Manufacturer PAN-based Carbon Fiber Sales Volume (Units)

Chart 2017-2022 Global Manufacturer PAN-based Carbon Fiber Sales Volume Share

Chart 2017-2022 Global Manufacturer PAN-based Carbon Fiber Business Revenue (Million USD)

Chart 2017-2022 Global Manufacturer PAN-based Carbon Fiber Business Revenue Share

Chart 2017-2022 Global Manufacturer PAN-based Carbon Fiber Business Price (USD/Unit)

Chart Toray PAN-based Carbon Fiber Sales Volume, Price, Revenue and Gross margin 2017-2022

Chart Toray PAN-based Carbon Fiber Business Distribution

Chart Toray Interview Record (Partly)

Chart Toray PAN-based Carbon Fiber Business Profile

Table Toray PAN-based Carbon Fiber Product Specification

Chart United States PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart United States PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Canada PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Canada PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Mexico PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million



\$) 2017-2022

Chart Mexico PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Brazil PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Brazil PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Argentina PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Argentina PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart China PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart China PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Japan PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Japan PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart India PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart India PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Korea PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Korea PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Southeast Asia PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Southeast Asia PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Germany PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Germany PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart UK PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart UK PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart France PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart France PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Spain PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Spain PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Russia PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Russia PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Italy PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$)



2017-2022

Chart Italy PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Middle East PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Middle East PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022 Chart South Africa PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart South Africa PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022 Chart Egypt PAN-based Carbon Fiber Sales Volume (Units) and Market Size (Million \$)

2017-2022

Chart Egypt PAN-based Carbon Fiber Sales Price (USD/Unit) 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Sales Volume (Units) by Region 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Sales Volume (Units) Share by Region 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Market size (Million \$) by Region 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Market size (Million \$) Share by Region 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Sales Volume (Units) by Country 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Sales Volume (Units) Share by Country 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Market size (Million \$) by Country 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment Market size (Million \$) Share by Country 2017-2022

Chart Small Tow Product Figure

Chart Small Tow Product Description

Chart Big Tow Product Figure

Chart Big Tow Product Description

Chart PAN-based Carbon Fiber Sales Volume by Type (Units) 2017-2022

Chart PAN-based Carbon Fiber Sales Volume (Units) Share by Type

Chart PAN-based Carbon Fiber Market Size by Type (Million \$) 2017-2022

Chart PAN-based Carbon Fiber Market Size (Million \$) Share by Type

Chart Different PAN-based Carbon Fiber Product Type Price (USD/Unit) 2017-2022

Chart PAN-based Carbon Fiber Sales Volume by Application (Units) 2017-2022

Chart PAN-based Carbon Fiber Sales Volume (Units) Share by Application

Chart PAN-based Carbon Fiber Market Size by Application (Million \$) 2017-2022



Chart PAN-based Carbon Fiber Market Size (Million \$) Share by Application
Chart PAN-based Carbon Fiber Price in Different Application Field 2017-2022
Chart Global PAN-based Carbon Fiber Market Segment (By Channel) Sales Volume
(Units) 2017-2022

Chart Global PAN-based Carbon Fiber Market Segment (By Channel) Share 2017-2022 Chart PAN-based Carbon Fiber Segment Market Sales Volume (Units) Forecast (by Region) 2023-2028

Chart PAN-based Carbon Fiber Segment Market Sales Volume Forecast (By Region) Share 2023-2028

Chart PAN-based Carbon Fiber Segment Market Size (Million USD) Forecast (By Region) 2023-2028

Chart PAN-based Carbon Fiber Segment Market Size Forecast (By Region) Share 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Type) Volume (Units) 2023-2028 Chart PAN-based Carbon Fiber Market Segment (By Type) Volume (Units) Share 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Application) Market Size (Volume) 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Application) Market Size (Volume) Share 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Application) Market Size (Value) 2023-2028

Chart PAN-based Carbon Fiber Market Segment (By Application) Market Size (Value) Share 2023-2028

Chart Global PAN-based Carbon Fiber Market Segment (By Channel) Sales Volume (Units) 2023-2028

Chart Global PAN-based Carbon Fiber Market Segment (By Channel) Share 2023-2028 Chart Global PAN-based Carbon Fiber Price Forecast 2023-2028

Chart Automobile Customers

Chart Aviation Customers

Chart Wind Power Customers



I would like to order

Product name: Global PAN-based Carbon Fiber Market Status, Trends and COVID-19 Impact Report

2022

Product link: https://marketpublishers.com/r/G271BF6EB4F9EN.html

Price: US\$ 2,350.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G271BF6EB4F9EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



