

Global Carbon Fiber Reinforced Polyphenylene Sulfide Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Carbon Fiber Reinforced Polyphenylene Sulfide market size was valued at US\$ 276 million in 2024 and is forecast to a readjusted size of USD 417 million by 2031 with a CAGR of 6.0% during review period.

Carbon Fiber Reinforced Polyphenylene Sulfide (CFR-PPS) is a high-performance composite material, which is made of polyphenylene sulfide resin and carbon fiber through a special process. As a high-strength, high-modulus fiber material, carbon fiber plays a reinforcing role in composite materials, significantly improving the mechanical properties and heat resistance of the material. Polyphenylene sulfide (PPS) is a special engineering plastic with excellent heat resistance, chemical corrosion resistance, electrical properties, flame retardancy and bonding properties. As a substrate, it provides good processability and formability for composite materials.

This report is a detailed and comprehensive analysis for global Carbon Fiber Reinforced Polyphenylene Sulfide market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Carbon Fiber Reinforced Polyphenylene Sulfide market size and forecasts, in

consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Carbon Fiber Reinforced Polyphenylene Sulfide market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Carbon Fiber Reinforced Polyphenylene Sulfide market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Carbon Fiber Reinforced Polyphenylene Sulfide market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2020-2025

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 Carbon Fiber Reinforced Polyphenylene Sulfide
- 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 Carbon Fiber Reinforced Polyphenylene Sulfide 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, SABIC, Mitsubishi Chemical, Celanese Corporation, Shanghai JWELL Extrusion Machinery Manufacturing, Suzhou Norn Composite Materials, Shanghai Donghua Composite Materials Technology, Changzhou Puwei Composite Materials Technology, Suzhou Napan New Materials Technology, Shandong Saienji New Materials, etc.

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

Market Segmentation

Carbon Fiber Reinforced Polyphenylene Sulfide market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

Continuous Carbon Fiber Reinforcement

Short Carbon Fiber Reinforcement

Market segment by Application

Aerospace

Automobile Manufacturing

Electronic Industry

Petrochemical Industry

Others

Major players covered

Toray

SABIC

Mitsubishi Chemical

Celanese Corporation

Shanghai JWELL Extrusion Machinery Manufacturing

Suzhou Norn Composite Materials

Shanghai Donghua Composite Materials Technology

Changzhou Puwei Composite Materials Technology

Suzhou Napan New Materials Technology

Shandong Saienji New Materials

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 Carbon Fiber Reinforced Polyphenylene Sulfide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbon Fiber Reinforced Polyphenylene Sulfide, with price, sales quantity, revenue, and global market share of Carbon Fiber Reinforced Polyphenylene Sulfide from 2020 to 2025.

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

Chapter 4, the Carbon Fiber Reinforced Polyphenylene Sulfide breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Carbon Fiber Reinforced Polyphenylene Sulfide market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Carbon Fiber Reinforced Polyphenylene Sulfide.

Chapter 14 and 15, to describe Carbon Fiber Reinforced Polyphenylene Sulfide sales channel, distributors, customers, research findings and conclusion.

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