

Global Fiber Reinforced Polymer (FRP) Composites Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Fiber Reinforced Polymer (FRP) Composites market size was valued at USD 33930 million in 2023 and is forecast to a readjusted size of USD 45820 million by 2030 with a CAGR of 4.4% during review period.

Fiber Reinforced Polymer (or Fiber Reinforced Plastic, referred to as FRP) is formed by reinforcing fiber materials, such as glass fiber, carbon fiber, aramid fiber, etc., and matrix materials through winding, molding or pultrusion composite material. According to different reinforcing materials, common fiber reinforced composites are divided into glass fiber reinforced composites (GFRP), carbon fiber reinforced composites (CFRP) and aramid fiber reinforced composites (AFRP).

The key manufactures of Fiber Reinforced Polymer (FRP) Composites in the world are BASF, DuPont, Lanxess, DSM, Kingfa, Avient, LG Chemical, Celanese and Hexcel, among which the market share of the top five producers is close to 10%, and the largest manufactures is BASF. The global production of fiber reinforced polymer (FRP) composites is mainly distributed in North America, Europe, China and Japan. The market share of the top three production regions exceeds 70%, and China is currently the largest production region. In terms of its products, the growth rate of carbon fiber reinforced polymer (CFRP) composites is relatively fast, with glass fiber reinforced polymer (GFRP) composites accounting for more than 70% of the market share, followed by carbon fiber reinforced polymer (CFRP) composites and aramid fiber reinforced polymer (AFRP) composites. In terms of its application, automotive is its largest application field, with a market share of more than 30%, followed by construction, electronics and national defense.



The Global Info Research report includes an overview of the development of the Fiber Reinforced Polymer (FRP) Composites industry chain, the market status of Automotive (Glass Fiber Reinforced Polymer (GFRP) Composites, Carbon Fiber Reinforced Polymer (CFRP) Composites), Construction (Glass Fiber Reinforced Polymer (GFRP) Composites, Carbon Fiber Reinforced Polymer (CFRP) Composites), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Fiber Reinforced Polymer (FRP) Composites.

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

Key Features:

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

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Tons), revenue generated, and market share of different by Type (e.g., Glass Fiber Reinforced Polymer (GFRP) Composites, Carbon Fiber Reinforced Polymer (CFRP) Composites).

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

Regional Analysis: The report involves examining the Fiber Reinforced Polymer (FRP) Composites market at a regional or national level. Report analyses regional factors such



as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

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

The report also involves a more granular approach to Fiber Reinforced Polymer (FRP) Composites:

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

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Fiber Reinforced Polymer (FRP) Composites This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Construction).

Technology Analysis: Report covers specific technologies relevant to Fiber Reinforced Polymer (FRP) Composites. It assesses the current state, advancements, and potential future developments in Fiber Reinforced Polymer (FRP) Composites areas.

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

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

Market Segmentation

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



Market segment by Type Glass Fiber Reinforced Polymer (GFRP) Composites Carbon Fiber Reinforced Polymer (CFRP) Composites Aramid Fiber Reinforced Polymer (AFRP) Composites Others Market segment by Application Automotive Construction **Electronics** Defence Others Major players covered **BASF DuPont** Lanxess **DSM** Kingfa

Avient



	LG Chemical
	Celanese
	Hexcel
	Teijin
	Solvay
	Toray
	Mitsubishi Chemical
	SGL Carbon
	Owens Corning
	Jiangsu AoSheng
	Jiangsu Hengsheng
	Weihai Guangwei
	SABIC
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 Fiber Reinforced Polymer (FRP) Composites product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fiber Reinforced Polymer (FRP) Composites, with price, sales, revenue and global market share of Fiber Reinforced Polymer (FRP) Composites from 2019 to 2024.

Chapter 3, the Fiber Reinforced Polymer (FRP) Composites competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fiber Reinforced Polymer (FRP) Composites breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Fiber Reinforced Polymer (FRP) Composites market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Fiber Reinforced Polymer (FRP) Composites.

Chapter 14 and 15, to describe Fiber Reinforced Polymer (FRP) Composites sales channel, distributors, customers, research findings and conclusion.



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