

Global Thermoplastic Carbon Fiber Reinforced Plastic Market Growth 2023-2029

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Abstracts

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Carbon fiber is made of viscose fiber, polyacrylonitrile fiber and pitch fiber as raw materials, and carbonized at 300~1000°. The diameter of carbon fiber is extremely thin, about 7 microns, but its strength is exceptionally high. The application of carbon fiber reinforced plastics in aircraft, rockets, missiles, and aerospace has become more and more extensive. It was first used in aircraft manufacturing, which can reduce the weight of the aircraft and improve the flight efficiency.

LPI (LP Information)'s newest research report, the "Thermoplastic Carbon Fiber Reinforced Plastic Industry Forecast" looks at past sales and reviews total world Thermoplastic Carbon Fiber Reinforced Plastic sales in 2022, providing a comprehensive analysis by region and market sector of projected Thermoplastic Carbon Fiber Reinforced Plastic sales for 2023 through 2029. With Thermoplastic Carbon Fiber Reinforced Plastic sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thermoplastic Carbon Fiber Reinforced Plastic industry.

This Insight Report provides a comprehensive analysis of the global Thermoplastic Carbon Fiber Reinforced Plastic landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Thermoplastic Carbon Fiber Reinforced Plastic portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Thermoplastic Carbon Fiber Reinforced Plastic market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thermoplastic Carbon Fiber Reinforced Plastic and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Thermoplastic Carbon Fiber Reinforced Plastic.

The global Thermoplastic Carbon Fiber Reinforced Plastic market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Thermoplastic Carbon Fiber Reinforced Plastic is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Thermoplastic Carbon Fiber Reinforced Plastic is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Thermoplastic Carbon Fiber Reinforced Plastic is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Thermoplastic Carbon Fiber Reinforced Plastic players cover Teijin, Mitsubishi Rayon, SABIC, Toray Industries, SGL Group, Solvay, Hexcel, Formosa Plastics and A&P Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Thermoplastic Carbon Fiber Reinforced Plastic market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Epoxy Resin Type

Phenolic Resin Type

Polyimide Type

Others

Segmentation by application

Aerospace

Car

Architecture

Wind Power Industry

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Teijin

Mitsubishi Rayon

SABIC

Toray Industries

SGL Group

Solvay

Hexcel

Formosa Plastics

A&P Technology

Hyosung

Nippon Graphite Fiber

Quickstep Technologies

Holding Company Composite (HCC)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thermoplastic Carbon Fiber Reinforced Plastic market?

What factors are driving Thermoplastic Carbon Fiber Reinforced Plastic market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Thermoplastic Carbon Fiber Reinforced Plastic market opportunities vary by end market size?

How does Thermoplastic Carbon Fiber Reinforced Plastic break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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