

Global Carbon Fiber Reinforced Matrix Composite Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Carbon Fiber Reinforced Matrix Composite market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Carbon fiber reinforced matrix material is a composite material formed by using carbon fiber or carbon fiber fabric as a reinforcement and resin, ceramics, metal, cement, carbon or rubber as a matrix. Among many lightweight materials, it has high specific strength and specific rigidity, and the lightweight effect is very obvious. It is widely used in aerospace and military products. Applied in body structural parts, the weight reduction effect is particularly obvious, 50% lighter than steel materials, and 30% lighter than aluminum materials, so it has attracted widespread attention from major domestic and foreign automobile companies.

This report studies the global Carbon Fiber Reinforced Matrix Composite production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Fiber Reinforced Matrix Composite, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Carbon Fiber Reinforced Matrix Composite that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Fiber Reinforced Matrix Composite total production and demand,

2018-2029, (Tons)

Global Carbon Fiber Reinforced Matrix Composite total production value, 2018-2029, (USD Million)

Global Carbon Fiber Reinforced Matrix Composite production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Fiber Reinforced Matrix Composite consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Carbon Fiber Reinforced Matrix Composite domestic production, consumption, key domestic manufacturers and share

Global Carbon Fiber Reinforced Matrix Composite production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Carbon Fiber Reinforced Matrix Composite production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Fiber Reinforced Matrix Composite production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Carbon Fiber Reinforced Matrix Composite market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Chemical Corporation, SGL Carbon, CRP Technology, Weyerhaeuser Company, Matrix, E. I. Du Pont Nemours & Co., TORAY, ZOLTEK and Solvay, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Carbon Fiber Reinforced Matrix Composite market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Carbon Fiber Reinforced Matrix Composite Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Carbon Fiber Reinforced Matrix Composite Market, Segmentation by Type

PAN-based Carbon Fiber

Pitch Based Carbon Fiber

Global Carbon Fiber Reinforced Matrix Composite Market, Segmentation by Application

Aerospace

Automotive

Marine

Others

Companies Profiled:

Mitsubishi Chemical Corporation

SGL Carbon

CRP Technology

Weyerhaeuser Company

Matrix

E. I. Du Pont Nemours & Co.

TORAY

ZOLTEK

Solvay

Hyosung

Owens Corning

Hexcel Corporation

Hexion

Chongqing Polycomp International Corporation

SINOPEC Shanghai Petrochemical Company Limited

Key Questions Answered

1. How big is the global Carbon Fiber Reinforced Matrix Composite market?

2. What is the demand of the global Carbon Fiber Reinforced Matrix Composite market?
3. What is the year over year growth of the global Carbon Fiber Reinforced Matrix Composite market?
4. What is the production and production value of the global Carbon Fiber Reinforced Matrix Composite market?
5. Who are the key producers in the global Carbon Fiber Reinforced Matrix Composite market?
6. What are the growth factors driving the market demand?

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