

# Global Chopped and Milled Carbon Fiber Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

Both chopped and milled carbon fiber offer excellent strength-to-weight ratio, stiffness, and corrosion resistance. They can be easily mixed or dispersed into various matrix materials, allowing for the creation of lightweight and strong composite materials with specific mechanical and performance characteristics.

Chopped and milled carbon fiber are two forms of carbon fiber material that are commonly used in various industries for their exceptional strength, lightweight properties, and high stiffness.

**Chopped carbon fiber:** Chopped carbon fiber consists of short lengths of carbon fiber strands or tows that have been cut into specified lengths. These strands are typically bound together using a binder material to form a loose fiber mat or a preformed shape. Chopped carbon fiber is often used as a reinforcement material in composite structures, where it provides strength and stiffness while reducing weight. It is commonly used in applications such as aerospace components, sports equipment, automotive parts, and wind turbine blades.

**Milled carbon fiber:** Milled carbon fiber is produced by grinding or milling continuous carbon fiber strands into fine particles. The resulting carbon fiber powder has a fine texture and can be mixed with various resins, polymers, or other materials to enhance their mechanical properties. Milled carbon fiber is often used as a filler or additive in composites, coatings, adhesives, and plastics to improve strength, stiffness, and dimensional stability. It can also be used in applications that require lightweight and high-

performance materials.

This report studies the global Chopped and Milled Carbon Fiber production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Chopped and Milled Carbon Fiber, 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 Chopped and Milled Carbon Fiber that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Chopped and Milled Carbon Fiber total production and demand, 2018-2029, (Tons)

Global Chopped and Milled Carbon Fiber total production value, 2018-2029, (USD Million)

Global Chopped and Milled Carbon Fiber production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Chopped and Milled Carbon Fiber consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Chopped and Milled Carbon Fiber domestic production, consumption, key domestic manufacturers and share

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

Global Chopped and Milled Carbon Fiber production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Chopped and Milled Carbon Fiber production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Chopped and Milled Carbon Fiber 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 TORAY, SGL, Teijin Carbon, Mitsubishi Chemical, Hexcel, TAIRY FIL, Solvay, Osaka Gas Chemicals and Dongguan Carbon Cable Composite Materials, 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 Chopped and Milled Carbon Fiber 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 Chopped and Milled Carbon Fiber Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Chopped and Milled Carbon Fiber Market, Segmentation by Type

Chopped Fiber

Milled Fiber

## Global Chopped and Milled Carbon Fiber Market, Segmentation by Application

Automotive

Aerospace & defense

Sporting Goods

Wind Energy

Civil Engineering

Pipe & Tank

Marine

Electrical & Electronics

Others

## Companies Profiled:

TORAY

SGL

Teijin Carbon

Mitsubishi Chemical

Hexcel

TAIRY FIL

Solvay

Osaka Gas Chemicals

Dongguan Carbon Cable Composite Materials

Nantong Zhongxuan Static Carbon Fiber Products

### Key Questions Answered

1. How big is the global Chopped and Milled Carbon Fiber market?
2. What is the demand of the global Chopped and Milled Carbon Fiber market?
3. What is the year over year growth of the global Chopped and Milled Carbon Fiber market?
4. What is the production and production value of the global Chopped and Milled Carbon Fiber market?
5. Who are the key producers in the global Chopped and Milled Carbon Fiber market?
6. What are the growth factors driving the market demand?

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