

# Global Carbon Fiber Market Research Report 2020 (Covid-19 Version)

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## Abstracts

### SUMMARY

Carbon fiber is a long, thin strand of material about 0.0002-0.0004 in (0.005-0.010 mm) in diameter and composed mostly of carbon atoms. The carbon atoms are bonded together in microscopic crystals that are more or less aligned parallel to the long axis of the fiber. The crystal alignment makes the fiber incredibly strong for its size. Several thousand carbon fibers are twisted together to form a yarn, which may be used by itself or woven into a fabric. The yarn or fabric is combined with epoxy and wound or molded into shape to form various composite materials. Carbon fiber-reinforced composite materials are used to make aircraft carbon fiber compared to human hair and spacecraft parts, racing car bodies, golf club shafts, bicycle frames, fishing rods, automobile springs, sailboat masts, and many other components where light weight and high strength are needed.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

## Middle East & Africa

### By Type

Polyacrylonitrile based carbon fiber

Pitch based carbon fiber

Vscose rayon based carbon fiber

Phenolic based carbon fiber

Gas phase growth carbon fiber

### By Application

Aircraft

Rockets

Satellites

### By Company

Toray

ZOLTEK(Toray)

Mitsubishi Rayon

Toho Tenax

Hexcel

Formosa Plastics Corp

SGL

Cytec Solvay

DowAksa

Hyosung

Taekwang Industrial

Zhongfu Shenying

Jiangsu Hengshen

Weihai TuoZhan Fiber

Bluestar Fibres

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price

By Type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Polyacrylonitrile based carbon fiber

Figure Polyacrylonitrile based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Polyacrylonitrile based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Polyacrylonitrile based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Polyacrylonitrile based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

###### 1.1.2.2 Pitch based carbon fiber

Figure Pitch based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Pitch based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Pitch based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Pitch based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

###### 1.1.2.3 Vscose rayon based carbon fiber

Figure Vscose rayon based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Vscose rayon based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Vscose rayon based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Vscose rayon based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

###### 1.1.2.4 Phenolic based carbon fiber

Figure Phenolic based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Phenolic based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Phenolic based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Phenolic based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

###### 1.1.2.5 Gas phase growth carbon fiber

Figure Gas phase growth carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Gas phase growth carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Gas phase growth carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Gas phase growth carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

### 1.1.3 Market by Application

#### 1.1.3.1 Aircraft

Figure Aircraft Market Size and CAGR 2015-2020 (Million USD)

Figure Aircraft Market Size and CAGR 2015-2020 (Volume)

Figure Aircraft Market Forecast and CAGR 2020-2025 (Million USD)

Figure Aircraft Market Forecast and CAGR 2020-2025 (Volume)

#### 1.1.3.2 Rockets

Figure Rockets Market Size and CAGR 2015-2020 (Million USD)

Figure Rockets Market Size and CAGR 2015-2020 (Volume)

Figure Rockets Market Forecast and CAGR 2020-2025 (Million USD)

Figure Rockets Market Forecast and CAGR 2020-2025 (Volume)

#### 1.1.3.3 Satellites

Figure Satellites Market Size and CAGR 2015-2020 (Million USD)

Figure Satellites Market Size and CAGR 2015-2020 (Volume)

Figure Satellites Market Forecast and CAGR 2020-2025 (Million USD)

Figure Satellites Market Forecast and CAGR 2020-2025 (Volume)

### 1.2 Global and Regional Market Size

#### 1.2.1 Global Overview

Figure Global Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Global Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure Global Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Global Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

#### 1.2.2 Market by Region

##### 1.2.2.1 Asia-Pacific

Figure Asia-Pacific Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Asia-Pacific Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure Asia-Pacific Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Asia-Pacific Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

##### 1.2.2.2 North America

Figure North America Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure North America Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure North America Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure North America Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

##### 1.2.2.3 Europe

Figure Europe Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Europe Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure Europe Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Europe Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

#### 1.2.2.4 South America

Figure South America Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure South America Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure South America Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure South America Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

#### 1.2.2.5 Middle East & Africa

Figure Middle East & Africa Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Middle East & Africa Carbon Fiber Market Size and CAGR 2015-2020 (Volume)

Figure Middle East & Africa Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Middle East & Africa Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)

## **2 GLOBAL AND REGIONAL MARKET BY COMPANY**

### 2.1 Global

#### 2.1.1 Global Sales by Company

Table Global Market Sales Revenue by Company 2015-2020

Table Global Market Sales Revenue Share by Company 2015-2020

Figure Global Market Sales Revenue Share by Company in 2020

Table Global Market Sales Volume by Company 2015-2020

Table Global Market Sales Volume Share by Company 2015-2020

Figure Global Market Sales Volume Share by Company in 2020

#### 2.1.2 Global Price by Company

Table Global Price by Company 2015-2020

### 2.2 Asia-Pacific

#### 2.2.1 Asia-Pacific Sales by Company

Table Asia-Pacific Market Sales Revenue by Company 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Company in 2020

Table Asia-Pacific Market Sales Volume by Company 2015-2020

Table Asia-Pacific Market Sales Volume Share by Company 2015-2020

Figure Asia-Pacific Market Sales Volume Share by Company in 2020

#### 2.2.2 Asia-Pacific Price by Company

Table Asia-Pacific Price by Company 2015-2020

### 2.3 North America

### 2.3.1 North America Sales by Company

Table North America Market Sales Revenue by Company 2015-2020

Table North America Market Sales Revenue Share by Company 2015-2020

Figure North America Market Sales Revenue Share by Company in 2020

Table North America Market Sales Volume by Company 2015-2020

Table North America Market Sales Volume Share by Company 2015-2020

Figure North America Market Sales Volume Share by Company in 2020

### 2.3.2 North America Price by Company

Table North America Price by Company 2015-2020

## 2.4 Europe

### 2.4.1 Europe Market Sales by Company

Table Europe Market Sales Revenue by Company 2015-2020

Table Europe Market Sales Revenue Share by Company 2015-2020

Figure Europe Market Sales Revenue Share by Company in 2020

Table Europe Market Sales Volume by Company 2015-2020

Table Europe Market Sales Volume Share by Company 2015-2020

Figure Europe Market Sales Volume Share by Company in 2020

### 2.4.2 Europe Price by Company

Table Europe Price by Company 2015-2020

## 2.5 South America

### 2.5.1 South America Sales by Company

Table South America Market Sales Revenue by Company 2015-2020

Table South America Market Sales Revenue Share by Company 2015-2020

Figure South America Market Sales Revenue Share by Company in 2020

Table South America Market Sales Volume by Company 2015-2020

Table South America Market Sales Volume Share by Company 2015-2020

Figure South America Market Sales Volume Share by Company in 2020

### 2.5.2 South America Price by Company

Table South America Price by Company 2015-2020

## 2.6 Middle East & Africa

### 2.6.1 Middle East & Africa Sales by Company

Table Middle East & Africa Market Sales Revenue by Company 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Company in 2020

Table Middle East & Africa Market Sales Volume by Company 2015-2020

Table Middle East & Africa Market Sales Volume Share by Company 2015-2020

Figure Middle East & Africa Market Sales Volume Share by Company in 2020

### 2.6.2 Middle East & Africa Price by Company

Table Middle East & Africa Price by Company 2015-2020



### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

#### 3.1 Global

##### 3.1.1 Global Sales by Type

Table Global Market Sales Revenue by Type 2015-2020

Table Global Market Sales Revenue Share by Type 2015-2020

Figure Global Market Sales Revenue Share by Type in 2020

Table Global Market Sales Volume by Type 2015-2020

Table Global Market Sales Volume Share by Type 2015-2020

Figure Global Market Sales Volume Share by Type in 2020

##### 3.1.2 Global Price by Type

Table Global Price by Type 2015-2020

#### 3.2 Asia-Pacific

##### 3.2.1 Asia-Pacific Sales by Type

Table Asia-Pacific Market Sales Revenue by Type 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Type in 2020

Table Asia-Pacific Market Sales Volume by Type 2015-2020

Table Asia-Pacific Market Sales Volume Share by Type 2015-2020

Figure Asia-Pacific Market Sales Volume Share by Type in 2020

##### 3.2.2 Asia-Pacific Price by Type

Table Asia-Pacific Price by Type 2015-2020

#### 3.3 North America

##### 3.3.1 North America Sales by Type

Table North America Market Sales Revenue by Type 2015-2020

Table North America Market Sales Revenue Share by Type 2015-2020

Figure North America Market Sales Revenue Share by Type in 2020

Table North America Market Sales Volume by Type 2015-2020

Table North America Market Sales Volume Share by Type 2015-2020

Figure North America Market Sales Volume Share by Type in 2020

##### 3.3.2 North America Price by Type

Table North America Price by Type 2015-2020

#### 3.4 Europe

##### 3.4.1 Europe Market Sales by Type

Table Europe Market Sales Revenue by Type 2015-2020

Table Europe Market Sales Revenue Share by Type 2015-2020

Figure Europe Market Sales Revenue Share by Type in 2020

Table Europe Market Sales Volume by Type 2015-2020

Table Europe Market Sales Volume Share by Type 2015-2020

Figure Europe Market Sales Volume Share by Type in 2020

3.4.2 Europe Price by Type

Table Europe Price by Type 2015-2020

3.5 South America

3.5.1 South America Sales by Type

Table South America Market Sales Revenue by Type 2015-2020

Table South America Market Sales Revenue Share by Type 2015-2020

Figure South America Market Sales Revenue Share by Type in 2020

Table South America Market Sales Volume by Type 2015-2020

Table South America Market Sales Volume Share by Type 2015-2020

Figure South America Market Sales Volume Share by Type in 2020

3.5.2 South America Price by Type

Table South America Price by Type 2015-2020

3.6 Middle East & Africa

3.6.1 Middle East & Africa Sales by Type

Table Middle East & Africa Market Sales Revenue by Type 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Type in 2020

Table Middle East & Africa Market Sales Volume by Type 2015-2020

Table Middle East & Africa Market Sales Volume Share by Type 2015-2020

Figure Middle East & Africa Market Sales Volume Share by Type in 2020

3.6.2 Middle East & Africa Price by Type

Table Middle East & Africa Price by Type 2015-2020

## **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

4.1 Global

4.1.1 Global Sales by Application

Table Global Market Sales Revenue by Application 2015-2020

Table Global Market Sales Revenue Share by Application 2015-2020

Figure Global Market Sales Revenue Share by Application in 2020

Table Global Market Sales Volume by Application 2015-2020

Table Global Market Sales Volume Share by Application 2015-2020

Figure Global Market Sales Volume Share by Application in 2020

4.1.2 Global Price by Application

Table Global Price by Application 2015-2020

4.2 Asia-Pacific

4.2.1 Asia-Pacific Sales by Application

Table Asia-Pacific Market Sales Revenue by Application 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Application in 2020

Table Asia-Pacific Market Sales Volume by Application 2015-2020

Table Asia-Pacific Market Sales Volume Share by Application 2015-2020

Figure Asia-Pacific Market Sales Volume Share by Application in 2020

4.2.2 Asia-Pacific Price by Application

Table Asia-Pacific Price by Application 2015-2020

4.3 North America

4.3.1 North America Sales by Application

Table North America Market Sales Revenue by Application 2015-2020

Table North America Market Sales Revenue Share by Application 2015-2020

Figure North America Market Sales Revenue Share by Application in 2020

Table North America Market Sales Volume by Application 2015-2020

Table North America Market Sales Volume Share by Application 2015-2020

Figure North America Market Sales Volume Share by Application in 2020

4.3.2 North America Price by Application

Table North America Price by Application 2015-2020

4.4 Europe

4.4.1 Europe Market Sales by Application

Table Europe Market Sales Revenue by Application 2015-2020

Table Europe Market Sales Revenue Share by Application 2015-2020

Figure Europe Market Sales Revenue Share by Application in 2020

Table Europe Market Sales Volume by Application 2015-2020

Table Europe Market Sales Volume Share by Application 2015-2020

Figure Europe Market Sales Volume Share by Application in 2020

4.4.2 Europe Price by Application

Table Europe Price by Application 2015-2020

4.5 South America

4.5.1 South America Sales by Application

Table South America Market Sales Revenue by Application 2015-2020

Table South America Market Sales Revenue Share by Application 2015-2020

Figure South America Market Sales Revenue Share by Application in 2020

Table South America Market Sales Volume by Application 2015-2020

Table South America Market Sales Volume Share by Application 2015-2020

Figure South America Market Sales Volume Share by Application in 2020

4.5.2 South America Price by Application

Table South America Price by Application 2015-2020

4.6 Middle East & Africa

#### 4.6.1 Middle East & Africa Sales by Application

Table Middle East & Africa Market Sales Revenue by Application 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Application in 2020

Table Middle East & Africa Market Sales Volume by Application 2015-2020

Table Middle East & Africa Market Sales Volume Share by Application 2015-2020

Figure Middle East & Africa Market Sales Volume Share by Application in 2020

#### 4.6.2 Middle East & Africa Price by Application

Table Middle East & Africa Price by Application 2015-2020

## 5 REGIONAL TRADE

### 5.1 Export

Table Regional Export 2015-2020 (Million USD)

Table Regional Export 2015-2020 (Volume)

### 5.2 Import

Table Regional Import 2015-2020 (Million USD)

Table Regional Import 2015-2020 (Volume)

## 6 KEY MANUFACTURERS

### 6.1 Toray

6.1.1 Company Information

6.1.2 Products Overview

6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Table Sales Revenue, Volume, Price, Cost and Margin of Toray

6.2 ZOLTEK(Toray) (Company Information, Products Overview & Business Data)

6.3 Mitsubishi Rayon (Company Information, Products Overview & Business Data)

6.4 Toho Tenax (Company Information, Products Overview & Business Data)

6.5 Hexcel (Company Information, Products Overview & Business Data)

6.6 Formosa Plastics Corp (Company Information, Products Overview & Business Data)

6.7 SGL (Company Information, Products Overview & Business Data)

6.8 Cytec Solvay (Company Information, Products Overview & Business Data)

6.9 DowAksa (Company Information, Products Overview & Business Data)

6.10 Hyosung (Company Information, Products Overview & Business Data)

6.11 Taekwang Industrial (Company Information, Products Overview & Business Data)

6.12 Zhongfu Shenying (Company Information, Products Overview & Business Data)

6.13 Jiangsu Hengshen (Company Information, Products Overview & Business Data)

6.14 Weihai TuoZhan Fiber (Company Information, Products Overview & Business

Data)

6.15 Bluestar Fibres (Company Information, Products Overview & Business Data)

## **7 INDUSTRY UPSTREAM**

7.1 Industry Chain

Figure Industry Chain Overview

7.2 Raw Materials

Figure Carbon Fiber SWOT List

## **8 MARKET ENVIRONMENT**

8.1 SWOT

8.2 Porter's Five Forces

Figure Carbon Fiber Porter's Five Forces

8.3 Coronavirus Impact on the Industry

8.3.1 Impact of Covid-19 on Production

8.3.2 Impact of Covid-19 on Demand

8.3.3 Impact of Covid-19 on Purchase & Use

8.3.4 Impact of Covid-19 on Price

8.3.5 Impact of Covid-19 on Others

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2015-2020
Table Global Market Sales Revenue Share by Company 2015-2020
Table Global Market Sales Volume by Company 2015-2020
Table Global Market Sales Volume Share by Company 2015-2020
Table Global Price by Company 2015-2020
Table Asia-Pacific Market Sales Revenue by Company 2015-2020
Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020
Table Asia-Pacific Market Sales Volume by Company 2015-2020
Table Asia-Pacific Market Sales Volume Share by Company 2015-2020
Table Asia-Pacific Price by Company 2015-2020
Table North America Market Sales Revenue by Company 2015-2020
Table North America Market Sales Revenue Share by Company 2015-2020
Table North America Market Sales Volume by Company 2015-2020
Table North America Market Sales Volume Share by Company 2015-2020
Table North America Price by Company 2015-2020
Table Europe Market Sales Revenue by Company 2015-2020
Table Europe Market Sales Revenue Share by Company 2015-2020
Table Europe Market Sales Volume by Company 2015-2020
Table Europe Market Sales Volume Share by Company 2015-2020
Table Europe Price by Company 2015-2020
Table South America Market Sales Revenue by Company 2015-2020
Table South America Market Sales Revenue Share by Company 2015-2020
Table South America Market Sales Volume by Company 2015-2020
Table South America Market Sales Volume Share by Company 2015-2020
Table South America Price by Company 2015-2020
Table Middle East & Africa Market Sales Revenue by Company 2015-2020
Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020
Table Middle East & Africa Market Sales Volume by Company 2015-2020
Table Middle East & Africa Market Sales Volume Share by Company 2015-2020
Table Middle East & Africa Price by Company 2015-2020
Table Global Market Sales Revenue by Type 2015-2020
Table Global Market Sales Revenue Share by Type 2015-2020
Table Global Market Sales Volume by Type 2015-2020
Table Global Market Sales Volume Share by Type 2015-2020
Table Global Price by Type 2015-2020



Table Asia-Pacific Market Sales Revenue by Type 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020

Table Asia-Pacific Market Sales Volume by Type 2015-2020

Table Asia-Pacific Market Sales Volume Share by Type 2015-2020

Table Asia-Pacific Price by Type 2015-2020

Table North America Market Sales Revenue by Type 2015-2020

Table North America Market Sales Revenue Share by Type 2015-2020

Table North America Market Sales Volume by Type 2015-2020

Table North America Market Sales Volume Share by Type 2015-2020

Table North America Price by Type 2015-2020

Table Europe Market Sales Revenue by Type 2015-2020

Table Europe Market Sales Revenue Share by Type 2015-2020

Table Europe Market Sales Volume by Type 2015-2020

Table Europe Market Sales Volume Share by Type 2015-2020

Table Europe Price by Type 2015-2020

Table South America Market Sales Revenue by Type 2015-2020

Table South America Market Sales Revenue Share by Type 2015-2020

Table South America Market Sales Volume by Type 2015-2020

Table South America Market Sales Volume Share by Type 2015-2020

Table South America Price by Type 2015-2020

Table Middle East & Africa Market Sales Revenue by Type 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020

Table Middle East & Africa Market Sales Volume by Type 2015-2020

Table Middle East & Africa Market Sales Volume Share by Type 2015-2020

Table Middle East & Africa Price by Type 2015-2020

Table Global Market Sales Revenue by Application 2015-2020

Table Global Market Sales Revenue Share by Application 2015-2020

Table Global Market Sales Volume by Application 2015-2020

Table Global Market Sales Volume Share by Application 2015-2020

Table Global Price by Application 2015-2020

Table Asia-Pacific Market Sales Revenue by Application 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020

Table Asia-Pacific Market Sales Volume by Application 2015-2020

Table Asia-Pacific Market Sales Volume Share by Application 2015-2020

Table Asia-Pacific Price by Application 2015-2020

Table North America Market Sales Revenue by Application 2015-2020

Table North America Market Sales Revenue Share by Application 2015-2020

Table North America Market Sales Volume by Application 2015-2020

Table North America Market Sales Volume Share by Application 2015-2020

Table North America Price by Application 2015-2020

Table Europe Market Sales Revenue by Application 2015-2020

Table Europe Market Sales Revenue Share by Application 2015-2020

Table Europe Market Sales Volume by Application 2015-2020

Table Europe Market Sales Volume Share by Application 2015-2020

Table Europe Price by Application 2015-2020

Table South America Market Sales Revenue by Application 2015-2020

Table South America Market Sales Revenue Share by Application 2015-2020

Table South America Market Sales Volume by Application 2015-2020

Table South America Market Sales Volume Share by Application 2015-2020

Table South America Price by Application 2015-2020

Table Middle East & Africa Market Sales Revenue by Application 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020

Table Middle East & Africa Market Sales Volume by Application 2015-2020

Table Middle East & Africa Market Sales Volume Share by Application 2015-2020

Table Middle East & Africa Price by Application 2015-2020

Table Regional Export 2015-2020 (Million USD)

Table Regional Export 2015-2020 (Volume)

Table Regional Import 2015-2020 (Million USD)

Table Regional Import 2015-2020 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of Toray



## List Of Figures

### LIST OF FIGURES

Figure Polyacrylonitrile based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Polyacrylonitrile based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Polyacrylonitrile based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Polyacrylonitrile based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

Figure Pitch based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Pitch based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Pitch based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Pitch based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

Figure Vscose rayon based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Vscose rayon based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Vscose rayon based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Vscose rayon based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

Figure Phenolic based carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Phenolic based carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Phenolic based carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Phenolic based carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

Figure Gas phase growth carbon fiber Market Size and CAGR 2015-2020 (Million USD)

Figure Gas phase growth carbon fiber Market Size and CAGR 2015-2020 (Volume)

Figure Gas phase growth carbon fiber Market Forecast and CAGR 2020-2025 (Million USD)

Figure Gas phase growth carbon fiber Market Forecast and CAGR 2020-2025 (Volume)

Figure Aircraft Market Size and CAGR 2015-2020 (Million USD)

Figure Aircraft Market Size and CAGR 2015-2020 (Volume)

Figure Aircraft Market Forecast and CAGR 2020-2025 (Million USD)

Figure Aircraft Market Forecast and CAGR 2020-2025 (Volume)

Figure Rockets Market Size and CAGR 2015-2020 (Million USD)

Figure Rockets Market Size and CAGR 2015-2020 (Volume)

Figure Rockets Market Forecast and CAGR 2020-2025 (Million USD)

Figure Rockets Market Forecast and CAGR 2020-2025 (Volume)  
Figure Satellites Market Size and CAGR 2015-2020 (Million USD)  
Figure Satellites Market Size and CAGR 2015-2020 (Volume)  
Figure Satellites Market Forecast and CAGR 2020-2025 (Million USD)  
Figure Satellites Market Forecast and CAGR 2020-2025 (Volume)  
Figure Global Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure Global Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure Global Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure Global Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure Asia-Pacific Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure Asia-Pacific Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure Asia-Pacific Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure Asia-Pacific Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure North America Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure North America Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure North America Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure North America Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure Europe Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure Europe Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure Europe Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure Europe Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure South America Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure South America Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure South America Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure South America Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure Middle East & Africa Carbon Fiber Market Size and CAGR 2015-2020 (Million USD)  
Figure Middle East & Africa Carbon Fiber Market Size and CAGR 2015-2020 (Volume)  
Figure Middle East & Africa Carbon Fiber Market Forecast and CAGR 2020-2025 (Million USD)  
Figure Middle East & Africa Carbon Fiber Market Forecast and CAGR 2020-2025 (Volume)  
Figure Global Market Sales Revenue Share by Company in 2020  
Figure Global Market Sales Volume Share by Company in 2020  
Figure Asia-Pacific Market Sales Revenue Share by Company in 2020  
Figure Asia-Pacific Market Sales Volume Share by Company in 2020  
Figure North America Market Sales Revenue Share by Company in 2020

Figure North America Market Sales Volume Share by Company in 2020  
Figure Europe Market Sales Revenue Share by Company in 2020  
Figure Europe Market Sales Volume Share by Company in 2020  
Figure South America Market Sales Revenue Share by Company in 2020  
Figure South America Market Sales Volume Share by Company in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Company in 2020  
Figure Middle East & Africa Market Sales Volume Share by Company in 2020  
Figure Global Market Sales Revenue Share by Type in 2020  
Figure Global Market Sales Volume Share by Type in 2020  
Figure Asia-Pacific Market Sales Revenue Share by Type in 2020  
Figure Asia-Pacific Market Sales Volume Share by Type in 2020  
Figure North America Market Sales Revenue Share by Type in 2020  
Figure North America Market Sales Volume Share by Type in 2020  
Figure Europe Market Sales Revenue Share by Type in 2020  
Figure Europe Market Sales Volume Share by Type in 2020  
Figure South America Market Sales Revenue Share by Type in 2020  
Figure South America Market Sales Volume Share by Type in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Type in 2020  
Figure Middle East & Africa Market Sales Volume Share by Type in 2020  
Figure Global Market Sales Revenue Share by Application in 2020  
Figure Global Market Sales Volume Share by Application in 2020  
Figure Asia-Pacific Market Sales Revenue Share by Application in 2020  
Figure Asia-Pacific Market Sales Volume Share by Application in 2020  
Figure North America Market Sales Revenue Share by Application in 2020  
Figure North America Market Sales Volume Share by Application in 2020  
Figure Europe Market Sales Revenue Share by Application in 2020  
Figure Europe Market Sales Volume Share by Application in 2020  
Figure South America Market Sales Revenue Share by Application in 2020  
Figure South America Market Sales Volume Share by Application in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2020  
Figure Middle East & Africa Market Sales Volume Share by Application in 2020  
Figure Industry Chain Overview  
Figure Carbon Fiber SWOT List  
Figure Carbon Fiber Porter's Five Forces

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