

Global Carbon Fiber Market by Manufacturers, Regions, Type and Application, Forecast to 2021

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Abstracts

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.

Scope of the Report:

This report focuses on the Carbon Fiber in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

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

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America, Middle East and Africa

Market Segment by Type, covers

Polyacrylonitrile based carbon fiber

Pitch based carbon fiber

Vscose rayon based carbon fiber

Phenolic based carbon fiber

Gas phase growth carbon fiber

Market Segment by Applications, can be divided into

Aircraft

Rockets

Satellites

There are 13 Chapters to deeply display the global Carbon Fiber market.

Chapter 1, to describe Carbon Fiber Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Carbon Fiber, with sales, revenue, and price of Carbon Fiber, in 2015 and 2016;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2015 and 2016;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Carbon Fiber, for each region, from 2011 to 2016;

Chapter 5, 6, 7 and 8, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 9 and 10, to show the market by type and application, with sales market share and growth rate by type, application, from 2011 to 2016;

Chapter 11, Carbon Fiber market forecast, by regions, type and application, with sales and revenue, from 2016 to 2021;

Chapter 12 and 13, to describe Carbon Fiber sales channel, distributors, traders, dealers, appendix and data source.

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