

Global Carbon Fiber Market Survey and Trend Research 2018

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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.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Toray, ZOLTEK(Toray), Mitsubishi Rayon, Toho Tenax, Formosa Plastics Corp, Formosa Plastics Corp, SGL, Cytec Solvay, DowAksa, Hyosung, Taekwang Industrial, Zhongfu Shenying, Jiangsu Hengshen, Weihai TuoZhan Fiber, Bluestar Fibres etc.):

Company Profile

Product & Service

Business Operation Data

Market Share

Investment Analysis:

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Investment Opportunity

Investment Calculation

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