

# Global Carbon Fiber Market Research Report 2012-2024

<https://marketpublishers.com/r/G90607F480AEN.html>

Date: July 2019

Pages: 84

Price: US\$ 2,410.00 (Single User License)

ID: G90607F480AEN

## 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.

The global Carbon Fiber market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Polyacrylonitrile based carbon fiber

Pitch based carbon fiber

Vscose rayon based carbon fiber

Phenolic based carbon fiber

Gas phase growth carbon fiber

Leading vendors in the market are included based on profile, business performance etc.  
Vendors mentioned as follows:

Toray

ZOLTEK(Toray)

Mitsubishi Rayon

Toho Tenax

Hexcel

Formosa Plastics Corp

SGL

Cytec Solvay

DowAksa

Hyosung

Taekwang Industrial

Zhongfu Shenying

Jiangsu Hengshen

Weihai Tuozechan Fiber

Bluestar Fibres

Based on Application, the report describes major application share of regional market.  
Application mentioned as follows:

Aircraft

Rockets

Satellites

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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