

# **Carbon Fiber Market by Carbon Fiber Raw Material (Pan-Based, Pitch-Based & Rayon-Based), Carbon Fiber Type (Continuous, Long, and Short), Form (Composite and Non-Composite), and End-Use Industry (Aerospace & Defense, Sports/Leisure, Wind Turbines, Molding & Compounds, Automotive, Pressure Vessels, Civil Engineering, Marine and Others) - Global Opportunity Analysis and Industry Forecast, 2014-2022**

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## **Abstracts**

Fibers Consisting Of 92% Or Greater Carbon Weight Are Known As Carbon Fiber, Which Offers Properties Such As Light Weightiness, Elasticity, Stiffness, Strength, High Temperature Resistance, High Damping Properties, And Chemical Inertness.

The Global Carbon Fiber Market Was Valued At \$1,980 Million In 2015, And Is Anticipated To Reach \$4,650 Million By 2022, Growing At A Cagr Of 11.1% During The Forecast Period. In Terms Of Volume, The Market Is Anticipated To Reach 143 Kilotons By 2022, Growing At A Cagr Of 13.0%. It Is Segmented Based On Raw Material, Type, Form, End-Use Industry, And Geography. The Demand For Carbon Fiber Has Increased Owing To Its Increased Use In Wind Turbines, Automotive, Sailing/Yacht Building, Marine, And Aerospace & Defense Industry.

Based On The Raw Material, The Market Is Bifurcated Into Pan-Based And Pitch-Based & Rayon-Based Carbon Fiber. Pan-Based Carbon Fiber Segment Is Projected To Grow At The Highest Cagr In The Future. Based On The Type, The Market Is Divided Into Continuous, Long, And Short Carbon Fibers. Continuous Carbon Fiber Dominated The Market In 2015, And Is Also Projected To Register The Highest Growth Rate. Aerospace & Defense, Sports/Leisure, Wind Turbines, Molding Compounds,

Automotive, Pressure Vessels, Civil Engineering, Marine, Pultrusion Misc., Misc. Consumer, And Sailing/Yacht Building Are The Various End-Use Industries For This Market. Aerospace & Defense Segment Was The Largest Revenue Contributor In 2015, Whereas The Wind Turbine Segment Is Projected To Witness The Highest Cagr. Increased Penetration Of Carbon Fiber In The Automotive Industry And Rise In Demand For Carbon Fiber In Aerospace & Defense Sector Drive The Market Growth. However, The Growth Of Carbon Fiber Market Is Restricted Owing To Its High Prices & Unavailability.

Geographically, The Market Is Analyzed Across North America, Europe, Asia-Pacific, And Lamea. North America Led The Market, Both In Terms Of Value & Volume, In 2015, Due To The Presence Of Major Carbon Fiber Suppliers And Manufacturers. It Is Also Projected To Register The Highest Demand For Carbon Fiber, Owing To The Increased Demand From Aerospace & Defense, Automotive, Wind Turbine, And Sports/Leisure Industries.

The Companies Profiled In The Report Are As Follows:

Toray Industries Inc.

Sgl Group

Hexcel Corporation

Cytec Industries Inc.

Mitsubishi Rayon Co., Ltd.

Hyosung

Teijin Limited

Dowaksa

Ojsc 'Svetlogorskhhimvolokno'

Nippon Graphite Fiber Corporation

#### Key Market Benefits

The Report Provides An In-Depth Analysis Of The Current Trends, Drivers, And

Dynamics Of The Global Carbon Fiber Market To Elucidate The Prevailing Opportunities And The Probable Investment Pockets.  
It Offers Qualitative Trends As Well As Quantitative Analysis From 2014 To 2022 To Assist The Stakeholders To Understand The Market Scenario.  
A Detailed Analysis Of The Key Segments Demonstrates The Consumption Of Carbon Fiber In Different Applications Across Various Industries.  
Competitive Intelligence Highlights The Business Practices, Strategies, And Developments Followed By Key Business Players Across The Geographies.  
Carbon Fiber Market Key Segments  
By Raw Material

Pan-Based Carbon Fiber

Pitch-Based & Rayon-Based Carbon Fiber

By Type

Continuous Carbon Fiber

Long Carbon Fiber

Short Carbon Fiber

By Form

Composite

Non-Composite

By End-User Industry

Aerospace & Defense

Sports/Leisure

Wind Turbines

Molding & Compounds

Automotive

Pressure Vessels

Civil Engineering

Marine

Pultrusion Misc.

Misc. Consumer

Sailing/Yacht Building

Others (Misc. Energy, Oil & Gas, Medical And Industrial Rollers)

## By Geography

North America

U.S.

Canada

Mexico

Europe

Uk

Germany

France

Spain

Italy

Rest Of Europe

Asia-Pacific

China

Korea

Japan

India

Rest Of Asia-Pacific

Lamea

Brazil

Argentina

Uae

Saudi Arabia

Rest Of Lamea

Other Key Players in the Market Value Chain Include The Following:

Formosa Plastic Corporation

Bluestar Fiber Company Ltd.

The Above List Of Companies Is Not Profiled, But Can Be Profiled Based On Client Request.

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