

# 2018 Top 5 Fiber Reinforced Plastics (FRP) Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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## Abstracts

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Fiber reinforced plastic (FRP), also known as fiber reinforced polymer, is in fact a composite material constituting a polymer matrix blended with certain reinforcing materials, such as fibers. The fibers are generally glass, carbon, aramid and so on. Fiber-Reinforced Plastics are composite materials that typically consist of strong fibers embedded in a resin matrix. The fibers provide strength and stiffness to the composite and generally carry most of the applied loads. The matrix acts to bond and protect the fibers and to provide for transfer of stress from fiber to fiber through shear stresses. The most common fibers are glass, carbon, and synthetic fibers. FRP composites have very high strength characteristics and are nonconductive, noncorrosive, and lightweight. According to its reinforced fibers, FRP can be classified as glass fiber reinforced, carbon fiber reinforced, aramid fiber reinforced and so on. According to the fiber length, FRP can be divided into long fiber, short fiber and continuous fiber reinforced plastics. Glass fiber reinforced plastics are the most commonly one in the FRP market. In 2017, 97% FRP are glass fiber reinforced. However, carbon fiber reinforced type has attracted more and more interests in recent years due to its distinctive characteristics. Over the next five years, LPI(LP Information) projects that Fiber Reinforced Plastics (FRP) will register a 3.0% CAGR in terms of revenue, reach US\$ 38200 million by 2023, from US\$ 31900 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

BASF

DuPont

Lanxess

DSM

SABIC

PolyOne

Hexion

Denka

Daicel

Evonik

Sumitomo Bakelite

Kingfa Science and Technology

Genius

Solvay

RTP

SI Group

Kolon

TenCate

Toray

Mitsubishi Rayon

Teijin

SGL

Hexcel

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Glass Fiber Type

Carbon Fiber Type

Aramid Fiber Type

Others

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Aerospace

Automotive

Electrical & Electronics

Construction

Others

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