

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Composites in the Rail Market 2018, Forecast to 2023

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Abstracts

Composites provide significant flexibility in train design and help optimize train performance. Composite materials are largely used in the rail industry, wherein performance improvement is critical and the need to meet regulatory requirements is mandatory. The usage of composite materials in engineering designs has also become essential because of their satisfactory performance in extreme conditions such as high temperature, moisture, pressure, corrosion, and high stress. Rail composites lower energy consumption, facilitate the dampening of vibration to reduce noise levels, and improve passenger comfort. Various other benefits associated with the reduction of railway weight are lower inertia, less track wear, enhanced stability, and ability to achieve high speed.

Scope of the Report:

This report focuses on the Composites in the Rail 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. Among them, glass fiber composite was the highly consumed type of rail composites across the globe.

The worldwide market for Composites in the Rail is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Cytec Industries

Gurit

Teijin

Hexcel

Airex

Premier

AIM Altitude

Dartford

TPI

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

Interior

Exterior

Market Segment by Applications, can be divided into

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Composites in the Rail Mar...

Glass fiber

Carbon fiber

Others

There are 15 Chapters to deeply display the global Composites in the Rail market. Chapter 1, to describe Composites in the Rail Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of Composites in the Rail, with sales, revenue, and price of Composites in the Rail, in 2016 and 2017; Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017; Chapter 4, to show the global market by regions, with sales, revenue and market share of Composites in the Rail, for each region, from 2013 to 2018; Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions; Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018; Chapter 12, Composites in the Rail market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023; Chapter 13, 14 and 15, to describe Composites in the Rail sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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