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Growth Opportunities for Composites in the Global Passenger Rail Market

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Abstracts

The global passenger rail market looks good with opportunities in the interior and exterior applications. The composites in the global passenger rail market is expected to reach an estimated $978 million by 2023 and it is forecast to grow at a CAGR of 5.1% from 2018 to 2023. The major drivers for the growth of this market are development of high speed trains, mono and metro rails, as well as the increasing demand for lightweight materials with superior mechanical performance, aesthetics, and fire safety.

Emerging trends, which have a direct impact on the dynamics for composites in the global passenger rail industry, include the development of green technology products and high performance composites for interior and exterior applications.

A total of 92 figures / charts and 95 tables are provided in this 161 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this composites in the global passenger rail market report, download the report brochure.

Composites in the Global Passenger Rail Market by Application
Composites in the Global Passenger Rail Market
Major Composite Component Manufacturers in the Global Passenger Rail Industry

The study includes the market size for composites in the global passenger rail market and forecast of the growth opportunities for the composites market in the global rail industry through 2023, segmented by end use application, resin, fiber, manufacturing process, and region as follows:

Composites in the Global Passenger Rail Market by Application [Volume (M lbs.) and

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Value ($ Million) from 2012 to 2023]: Interior Ceiling Flooring Wall Panel Toilet Module Seat Others Exterior Front end Door Others

Composites in the Global Passenger Rail Market by Fiber [Volume (M lbs) and Value ($ Million) from 2012 to 2023]: Glass fiber Carbon Fiber & Others

Composites in the Global Passenger Rail Market by Resin [Volume (M lbs) and Value ($ Million) from 2012 to 2023]: Epoxy Polyester Phenolic Vinylester Others

Composites in the Global Passenger Rail Market by Manufacturing Process [Volume (M lbs) and Value ($ Million) from 2012 to 2023]: RTM/VARTM Open Mold Pultrusion SCRIMP Injection Molding Others

Joptek Composites, Sintex Wausaukee Composites, Excel Composites, Miles Fiberglass & Composites, and TPI Composites are among the major molders in the global rail composites market.

Lucintel forecasts that the front end cab is expected to remain the largest application and toilet module will witness the highest growth during forecast period.

In rail market, RTM/VARTM, open mold, pultrusion, SCRIPM, and injection molding are some of the major processes utilized to manufacture composite parts. RTM/VARTM is expected to remain the largest process in composites part manufacturing for rail industry, supported by the low cycle time and ease of manufacturing.

Europe is expected to remain the largest market for composites products in the passenger rail industry, whereas APAC is likely to witness the highest growth during the forecast period due to expected increase in high speed train production and growing of mono and metro rail network.

Some of the features of “Growth Opportunities for Composites in the Global Passenger Rail Market: Trends, Forecast, and Opportunity Analysis” include:

Market size estimates: Composites in the global passenger rail market size estimation in terms of value ($M) and volume (M Lbs.) shipment.Trend and forecast analysis: Market trend (2012-2017) and forecast (2018-2023) by application, and end use industry.Segmentation analysis: Composites in the global passenger rail market size by various applications such as end use application, resin, fiber, and manufacturing process in terms of value and volume shipment.Regional analysis: Composites in the

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global passenger rail market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.Growth opportunities: Analysis on growth opportunities in different applications and regions for composites in the global passenger rail market.Strategic analysis: This includes M&A, new product development, and competitive landscape for composites in the global passenger rail market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions:

Q.1. How big are the opportunities for composites in the global passenger rail market by application (floor, ceiling, seat structures, toilet module, wall panel, door, front end cab, and others), fiber (glass fiber, carbon fiber & others), resin (epoxy, polyester, phenolic, vinyl ester, others), manufacturing process (RTM/VARTM, open mold, pultrusion, SCRIMP, injection molding, others) and region (North America, Europe, Asia Pacific, and the Rest of the World)?
Q.2. Which product segments will grow at a faster pace and why?
Q.3. Which region will grow at a faster pace and why?
Q.4. What are the key factors affecting market dynamics? What are the drivers, challenges, and business risks for composites in the global passenger rail market?
Q.5. What are the business risks and competitive threats for composites in the global passenger rail market?
Q.6. What are the emerging trends for composites in the global passenger rail market and the reasons behind them?
Q.7. What are some of the changing demands of customers for composites in the global passenger rail market?
Q.8. What are the new developments for composites in the global passenger rail market and which companies are leading these developments?
Q.9. Who are the major players for composites in the global passenger rail market? What strategic initiatives are being taken by key companies for business growth?
Q.10. What are some of the competing products for composites in the global passenger rail market and how big of a threat do they pose for loss of market share by product substitution?
Q.11. What M&A activity has occurred in the last have years and what has its impact been for composites in the global passenger rail industry?

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