Rail Composites Market by Fiber type, Applications, by Resin Type and by Geography - Trend and Forecast to 2020

Description: Rail Composites Market by Fiber type (Glass fiber, Carbon fiber and others), Applications (Interior, Exterior etc.), by resin type (Polyester, Phenolic, Epoxy etc.) and by geography - Trend and Forecast to 2020

Composites have found wide acceptance in various industries including rail because of their light weight and environmental resistance characteristics. On the basis of application areas, the market of rail composite can be broadly segmented into interior, exterior, and others. The demand for composites in rail interior components is growing because of its impressive strength-to-weight ratio and appearance properties.

The Europe and Asia-Pacific regions are the biggest market of rail composite, accounting for more than 60% of the total rail composite demand in 2014. There is a lot of scope in the Asia-Pacific market due to high demand and increasing rail manufacturing base in the region. With the emerging technological developments and innovations, the global demand for rail composite may further augment at a higher pace.

Currently, the penetration of rail composite is increasing in high speed trains and this trend can be seen being extended to mid-speed trains as well. The design flexibility offered by composites is pushing the market of rail composite in different rail applications. Technological developments & innovations and expansions are identified as key strategies to expand the rail composite market.

This study on rail composite market estimates its global demand and market value for 2015 and projects the expected demand and market value of the same by 2020. As a part of the quantitative analysis, the study segments the global market by types and applications at country level with current market estimation and forecast till 2020. The major countries covered in the report are the U.S., Canada, U.K., Germany, China, Russia, Japan, India, etc. The segmentation by fiber type includes glass fiber composite, carbon fiber composite, and other composites; while on the basis of type of resin used, the segmentation includes Epoxy, Polyester, Polyurethane, Vinyl Ester, etc. The segmentation by application, includes exterior, interior, and other components.

As a part of qualitative analysis, the research provides report with a comprehensive review of key market drivers, restraints, opportunities, and burning issues in the market.

It also includes company profiling and competitive strategies adopted by various material suppliers including Toray Industries (Japan), Cytec Industries Inc. (U.S.), Royal TenCate nv (Netherlands), Gurit Holding AG (Switzerland), Hexcel Corporation (U.S.), and Teijin Limited (Japan). The top rail composite components manufacturers such as AIM ALTITUDE (U.K.), Dartford Composites Ltd. (U.K.), and Exports Limited (India), Premier Composite Technologies (Dubai), FDC Composites Inc. (Canada), TPI Composites Inc. (U.S.), etc. are also included.

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