

Global Railway Friction Material Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Railway Friction Material market size was valued at USD 2219 million in 2023 and is forecast to a readjusted size of USD 2866 million by 2030 with a CAGR of 3.7% during review period.

Friction materials—also known as brake materials and clutch materials—are used to induce friction in situations where slow or decreased movement is necessary. Friction is the resistance to relative motion that opposes an object's direction of movement.

Global core railway friction material manufacturers include Knorr-Bremse, Wabtec Corporation etc. The top 2 companies hold a share about 70%. China is the largest market, with a share about 35%, followed by Europe and North America with the share about 18% and 10%. In terms of product, powder metallurgy brake pads is the largest segment, with a share over 50%. And in terms of application, the largest application is freight wagons, followed by passenger wagons.

The Global Info Research report includes an overview of the development of the Railway Friction Material industry chain, the market status of Freight Wagons (Brake Blocks, Brake Pads), High Speed Rail (Brake Blocks, Brake Pads), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Railway Friction Material.

Regionally, the report analyzes the Railway Friction Material markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Railway Friction Material market, with robust domestic demand, supportive

policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Railway Friction Material market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Railway Friction Material industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Brake Blocks, Brake Pads).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Railway Friction Material market.

Regional Analysis: The report involves examining the Railway Friction Material market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Railway Friction Material market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Railway Friction Material:

Company Analysis: Report covers individual Railway Friction Material manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Railway Friction Material This may involve surveys, interviews, and

analysis of consumer reviews and feedback from different by Application (Freight Wagons, High Speed Rail).

Technology Analysis: Report covers specific technologies relevant to Railway Friction Material. It assesses the current state, advancements, and potential future developments in Railway Friction Material areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Railway Friction Material market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Railway Friction Material market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Brake Blocks

Brake Pads

Brake Shoes

Others

Market segment by Application

Freight Wagons

High Speed Rail

Passenger Wagons

Locomotive

Major players covered

Knorr-Bremse

Wabtec Corporation

Bremser

Akebono

FLERTEX

Tribo

Escorts Railway Division

EBC Brakes Group

TOKAI Carbon

Rane Group

Miba

MASU

Beijing Tianyishangjia New Material Corp

Beijing Puran Railway Braking High-Tech

CRRC

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Railway Friction Material product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Railway Friction Material, with price, sales, revenue and global market share of Railway Friction Material from 2019 to 2024.

Chapter 3, the Railway Friction Material competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Railway Friction Material breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Railway Friction Material market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Railway Friction Material.

Chapter 14 and 15, to describe Railway Friction Material sales channel, distributors, customers, research findings and conclusion.

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