

# Railway Friction Material Market - Global Outlook and Forecast 2021-2027

<https://marketpublishers.com/r/R981EB6096E2EN.html>

Date: April 2021

Pages: 105

Price: US\$ 3,250.00 (Single User License)

ID: R981EB6096E2EN

## Abstracts

This report contains market size and forecasts of Railway Friction Material in global, including the following market information:

Global Railway Friction Material Market Revenue, 2016-2021, 2022-2027, (\$ millions)

Global Railway Friction Material Market Sales, 2016-2021, 2022-2027, (K Units)

Global top five Railway Friction Material companies in 2020 (%)

The global Railway Friction Material market was valued at xx million in 2020 and is projected to reach US\$ xx million by 2027, at a CAGR of xx% during the forecast period.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Railway Friction Material manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Railway Friction Material Market, By Type, 2016-2021, 2022-2027 (\$ Millions) & (K Units)

Global Railway Friction Material Market Segment Percentages, By Type, 2020 (%)

Brake Blocks

Brake Pads

Brake Shoes

Others

Global Railway Friction Material Market, By Application, 2016-2021, 2022-2027 (\$ Millions) & (K Units)

Global Railway Friction Material Market Segment Percentages, By Application, 2020 (%)

Train

EMU

High-speed Rail

Others

Global Railway Friction Material Market, By Region and Country, 2016-2021, 2022-2027 (\$ Millions) & (K Units)

Global Railway Friction Material Market Segment Percentages, By Region and Country, 2020 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Railway Friction Material revenues in global market, 2016-2021  
(Estimated), (\$ millions)

Key companies Railway Friction Material revenues share in global market, 2020 (%)

Key companies Railway Friction Material sales in global market, 2016-2021 (Estimated),  
(K Units)

Key companies Railway Friction Material sales share in global market, 2020 (%)

Further, the report presents profiles of competitors in the market, key players include:

Escorts Railway Division

Wabtec Corporation

Knorr-Bremse

Tribo

Akebono

Beijing Tianyishangjia New Material Corp

CRRC Qishuyan Institute Co.,Ltd

Beijing Puran Railway Braking High-Tech Co.,Ltd

Beijing Railway Star Fortune High-Tech Co.,Ltd

Bosun Tools

TOKAI Carbon

Miba

Bremskerl

Carlisle

EBC Brakes Group

FLERTEX

Rane Group

MASU

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Railway Friction Material Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Railway Friction Material Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL RAILWAY FRICTION MATERIAL OVERALL MARKET SIZE**

- 2.1 Global Railway Friction Material Market Size: 2021 VS 2027
- 2.2 Global Railway Friction Material Revenue, Prospects & Forecasts: 2016-2027
- 2.3 Global Railway Friction Material Sales (Consumption): 2016-2027

### **3 COMPANY LANDSCAPE**

- 3.1 Top Railway Friction Material Players in Global Market
- 3.2 Top Global Railway Friction Material Companies Ranked by Revenue
- 3.3 Global Railway Friction Material Revenue by Companies
- 3.4 Global Railway Friction Material Sales by Companies
- 3.5 Global Railway Friction Material Price by Manufacturer (2016-2021)
- 3.6 Top 3 and Top 5 Railway Friction Material Companies in Global Market, by Revenue in 2020
- 3.7 Global Manufacturers Railway Friction Material Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Railway Friction Material Players in Global Market
  - 3.8.1 List of Global Tier 1 Railway Friction Material Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Railway Friction Material Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview

- 4.1.1 By Type - Global Railway Friction Material Market Size Markets, 2021 & 2027
- 4.1.2 Brake Blocks
- 4.1.3 Brake Pads
- 4.1.4 Brake Shoes
- 4.1.5 Others
- 4.2 By Type - Global Railway Friction Material Revenue & Forecasts
  - 4.2.1 By Type - Global Railway Friction Material Revenue, 2016-2021
  - 4.2.2 By Type - Global Railway Friction Material Revenue, 2022-2027
  - 4.2.3 By Type - Global Railway Friction Material Revenue Market Share, 2016-2027
- 4.3 By Type - Global Railway Friction Material Sales & Forecasts
  - 4.3.1 By Type - Global Railway Friction Material Sales, 2016-2021
  - 4.3.2 By Type - Global Railway Friction Material Sales, 2022-2027
  - 4.3.3 By Type - Global Railway Friction Material Sales Market Share, 2016-2027
- 4.4 By Type - Global Railway Friction Material Price (Manufacturers Selling Prices), 2016-2027

## **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application - Global Railway Friction Material Market Size, 2021 & 2027
  - 5.1.2 Train
  - 5.1.3 EMU
  - 5.1.4 High-speed Rail
  - 5.1.5 Others
- 5.2 By Application - Global Railway Friction Material Revenue & Forecasts
  - 5.2.1 By Application - Global Railway Friction Material Revenue, 2016-2021
  - 5.2.2 By Application - Global Railway Friction Material Revenue, 2022-2027
  - 5.2.3 By Application - Global Railway Friction Material Revenue Market Share, 2016-2027
- 5.3 By Application - Global Railway Friction Material Sales & Forecasts
  - 5.3.1 By Application - Global Railway Friction Material Sales, 2016-2021
  - 5.3.2 By Application - Global Railway Friction Material Sales, 2022-2027
  - 5.3.3 By Application - Global Railway Friction Material Sales Market Share, 2016-2027
- 5.4 By Application - Global Railway Friction Material Price (Manufacturers Selling Prices), 2016-2027

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Railway Friction Material Market Size, 2021 & 2027

## 6.2 By Region - Global Railway Friction Material Revenue & Forecasts

6.2.1 By Region - Global Railway Friction Material Revenue, 2016-2021

6.2.2 By Region - Global Railway Friction Material Revenue, 2022-2027

6.2.3 By Region - Global Railway Friction Material Revenue Market Share, 2016-2027

## 6.3 By Region - Global Railway Friction Material Sales & Forecasts

6.3.1 By Region - Global Railway Friction Material Sales, 2016-2021

6.3.2 By Region - Global Railway Friction Material Sales, 2022-2027

6.3.3 By Region - Global Railway Friction Material Sales Market Share, 2016-2027

## 6.4 North America

6.4.1 By Country - North America Railway Friction Material Revenue, 2016-2027

6.4.2 By Country - North America Railway Friction Material Sales, 2016-2027

6.4.3 US Railway Friction Material Market Size, 2016-2027

6.4.4 Canada Railway Friction Material Market Size, 2016-2027

6.4.5 Mexico Railway Friction Material Market Size, 2016-2027

## 6.5 Europe

6.5.1 By Country - Europe Railway Friction Material Revenue, 2016-2027

6.5.2 By Country - Europe Railway Friction Material Sales, 2016-2027

6.5.3 Germany Railway Friction Material Market Size, 2016-2027

6.5.4 France Railway Friction Material Market Size, 2016-2027

6.5.5 U.K. Railway Friction Material Market Size, 2016-2027

6.5.6 Italy Railway Friction Material Market Size, 2016-2027

6.5.7 Russia Railway Friction Material Market Size, 2016-2027

6.5.8 Nordic Countries Railway Friction Material Market Size, 2016-2027

6.5.9 Benelux Railway Friction Material Market Size, 2016-2027

## 6.6 Asia

6.6.1 By Region - Asia Railway Friction Material Revenue, 2016-2027

6.6.2 By Region - Asia Railway Friction Material Sales, 2016-2027

6.6.3 China Railway Friction Material Market Size, 2016-2027

6.6.4 Japan Railway Friction Material Market Size, 2016-2027

6.6.5 South Korea Railway Friction Material Market Size, 2016-2027

6.6.6 Southeast Asia Railway Friction Material Market Size, 2016-2027

6.6.7 India Railway Friction Material Market Size, 2016-2027

## 6.7 South America

6.7.1 By Country - South America Railway Friction Material Revenue, 2016-2027

6.7.2 By Country - South America Railway Friction Material Sales, 2016-2027

6.7.3 Brazil Railway Friction Material Market Size, 2016-2027

6.7.4 Argentina Railway Friction Material Market Size, 2016-2027

## 6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Railway Friction Material Revenue, 2016-2027



- 6.8.2 By Country - Middle East & Africa Railway Friction Material Sales, 2016-2027
- 6.8.3 Turkey Railway Friction Material Market Size, 2016-2027
- 6.8.4 Israel Railway Friction Material Market Size, 2016-2027
- 6.8.5 Saudi Arabia Railway Friction Material Market Size, 2016-2027
- 6.8.6 UAE Railway Friction Material Market Size, 2016-2027

## **7 MANUFACTURERS & BRANDS PROFILES**

### **7.1 Escorts Railway Division**

- 7.1.1 Escorts Railway Division Corporate Summary
- 7.1.2 Escorts Railway Division Business Overview
- 7.1.3 Escorts Railway Division Railway Friction Material Major Product Offerings
- 7.1.4 Escorts Railway Division Railway Friction Material Sales and Revenue in Global (2016-2021)
- 7.1.5 Escorts Railway Division Key News

### **7.2 Wabtec Corporation**

- 7.2.1 Wabtec Corporation Corporate Summary
- 7.2.2 Wabtec Corporation Business Overview
- 7.2.3 Wabtec Corporation Railway Friction Material Major Product Offerings
- 7.2.4 Wabtec Corporation Railway Friction Material Sales and Revenue in Global (2016-2021)
- 7.2.5 Wabtec Corporation Key News

### **7.3 Knorr-Bremse**

- 7.3.1 Knorr-Bremse Corporate Summary
- 7.3.2 Knorr-Bremse Business Overview
- 7.3.3 Knorr-Bremse Railway Friction Material Major Product Offerings
- 7.3.4 Knorr-Bremse Railway Friction Material Sales and Revenue in Global (2016-2021)
- 7.3.5 Knorr-Bremse Key News

### **7.4 Tribo**

- 7.4.1 Tribo Corporate Summary
- 7.4.2 Tribo Business Overview
- 7.4.3 Tribo Railway Friction Material Major Product Offerings
- 7.4.4 Tribo Railway Friction Material Sales and Revenue in Global (2016-2021)
- 7.4.5 Tribo Key News

### **7.5 Akebono**

- 7.5.1 Akebono Corporate Summary
- 7.5.2 Akebono Business Overview
- 7.5.3 Akebono Railway Friction Material Major Product Offerings

- 7.5.4 Akebono Railway Friction Material Sales and Revenue in Global (2016-2021)
- 7.5.5 Akebono Key News
- 7.6 Beijing Tianyishangjia New Material Corp
  - 7.6.1 Beijing Tianyishangjia New Material Corp Corporate Summary
  - 7.6.2 Beijing Tianyishangjia New Material Corp Business Overview
  - 7.6.3 Beijing Tianyishangjia New Material Corp Railway Friction Material Major Product Offerings
  - 7.6.4 Beijing Tianyishangjia New Material Corp Railway Friction Material Sales and Revenue in Global (2016-2021)
  - 7.6.5 Beijing Tianyishangjia New Material Corp Key News
- 7.7 CRRC Qishuyan Institute Co.,Ltd
  - 7.7.1 CRRC Qishuyan Institute Co.,Ltd Corporate Summary
  - 7.7.2 CRRC Qishuyan Institute Co.,Ltd Business Overview
  - 7.7.3 CRRC Qishuyan Institute Co.,Ltd Railway Friction Material Major Product Offerings
  - 7.7.4 CRRC Qishuyan Institute Co.,Ltd Railway Friction Material Sales and Revenue in Global (2016-2021)
  - 7.7.5 CRRC Qishuyan Institute Co.,Ltd Key News
- 7.8 Beijing Puran Railway Braking High-Tech Co.,Ltd
  - 7.8.1 Beijing Puran Railway Braking High-Tech Co.,Ltd Corporate Summary
  - 7.8.2 Beijing Puran Railway Braking High-Tech Co.,Ltd Business Overview
  - 7.8.3 Beijing Puran Railway Braking High-Tech Co.,Ltd Railway Friction Material Major Product Offerings
  - 7.8.4 Beijing Puran Railway Braking High-Tech Co.,Ltd Railway Friction Material Sales and Revenue in Global (2016-2021)
  - 7.8.5 Beijing Puran Railway Braking High-Tech Co.,Ltd Key News
- 7.9 Beijing Railway Star Fortune High-Tech Co.,Ltd
  - 7.9.1 Beijing Railway Star Fortune High-Tech Co.,Ltd Corporate Summary
  - 7.9.2 Beijing Railway Star Fortune High-Tech Co.,Ltd Business Overview
  - 7.9.3 Beijing Railway Star Fortune High-Tech Co.,Ltd Railway Friction Material Major Product Offerings
  - 7.9.4 Beijing Railway Star Fortune High-Tech Co.,Ltd Railway Friction Material Sales and Revenue in Global (2016-2021)
  - 7.9.5 Beijing Railway Star Fortune High-Tech Co.,Ltd Key News
- 7.10 Bosun Tools
  - 7.10.1 Bosun Tools Corporate Summary
  - 7.10.2 Bosun Tools Business Overview
  - 7.10.3 Bosun Tools Railway Friction Material Major Product Offerings
  - 7.10.4 Bosun Tools Railway Friction Material Sales and Revenue in Global

(2016-2021)

7.10.5 Bosun Tools Key News

7.11 TOKAI Carbon

7.11.1 TOKAI Carbon Corporate Summary

7.11.2 TOKAI Carbon Railway Friction Material Business Overview

7.11.3 TOKAI Carbon Railway Friction Material Major Product Offerings

7.11.4 TOKAI Carbon Railway Friction Material Sales and Revenue in Global

(2016-2021)

7.11.5 TOKAI Carbon Key News

7.12 Miba

7.12.1 Miba Corporate Summary

7.12.2 Miba Railway Friction Material Business Overview

7.12.3 Miba Railway Friction Material Major Product Offerings

7.12.4 Miba Railway Friction Material Sales and Revenue in Global (2016-2021)

7.12.5 Miba Key News

7.13 Bremskerl

7.13.1 Bremskerl Corporate Summary

7.13.2 Bremskerl Railway Friction Material Business Overview

7.13.3 Bremskerl Railway Friction Material Major Product Offerings

7.13.4 Bremskerl Railway Friction Material Sales and Revenue in Global (2016-2021)

7.13.5 Bremskerl Key News

7.14 Carlisle

7.14.1 Carlisle Corporate Summary

7.14.2 Carlisle Business Overview

7.14.3 Carlisle Railway Friction Material Major Product Offerings

7.14.4 Carlisle Railway Friction Material Sales and Revenue in Global (2016-2021)

7.14.5 Carlisle Key News

7.15 EBC Brakes Group

7.15.1 EBC Brakes Group Corporate Summary

7.15.2 EBC Brakes Group Business Overview

7.15.3 EBC Brakes Group Railway Friction Material Major Product Offerings

7.15.4 EBC Brakes Group Railway Friction Material Sales and Revenue in Global

(2016-2021)

7.15.5 EBC Brakes Group Key News

7.16 FLERTEX

7.16.1 FLERTEX Corporate Summary

7.16.2 FLERTEX Business Overview

7.16.3 FLERTEX Railway Friction Material Major Product Offerings

7.16.4 FLERTEX Railway Friction Material Sales and Revenue in Global (2016-2021)

#### 7.16.5 FLERTEX Key News

### 7.17 Rane Group

#### 7.17.1 Rane Group Corporate Summary

#### 7.17.2 Rane Group Business Overview

#### 7.17.3 Rane Group Railway Friction Material Major Product Offerings

#### 7.17.4 Rane Group Railway Friction Material Sales and Revenue in Global (2016-2021)

#### 7.17.5 Rane Group Key News

### 7.18 MASU

#### 7.18.1 MASU Corporate Summary

#### 7.18.2 MASU Business Overview

#### 7.18.3 MASU Railway Friction Material Major Product Offerings

#### 7.18.4 MASU Railway Friction Material Sales and Revenue in Global (2016-2021)

#### 7.18.5 MASU Key News

## **8 GLOBAL RAILWAY FRICTION MATERIAL PRODUCTION CAPACITY, ANALYSIS**

### 8.1 Global Railway Friction Material Production Capacity, 2016-2027

### 8.2 Railway Friction Material Production Capacity of Key Manufacturers in Global Market

### 8.3 Global Railway Friction Material Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

### 9.1 Market Opportunities & Trends

### 9.2 Market Drivers

### 9.3 Market Restraints

## **10 RAILWAY FRICTION MATERIAL SUPPLY CHAIN ANALYSIS**

### 10.1 Railway Friction Material Industry Value Chain

### 10.2 Railway Friction Material Upstream Market

### 10.3 Railway Friction Material Downstream and Clients

### 10.4 Marketing Channels Analysis

#### 10.4.1 Marketing Channels

#### 10.4.2 Railway Friction Material Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Key Players of Railway Friction Material in Global Market

Table 2. Top Railway Friction Material Players in Global Market, Ranking by Revenue (2019)

Table 3. Global Railway Friction Material Revenue by Companies, (US\$, Mn), 2016-2021

Table 4. Global Railway Friction Material Revenue Share by Companies, 2016-2021

Table 5. Global Railway Friction Material Sales by Companies, (K Units), 2016-2021

Table 6. Global Railway Friction Material Sales Share by Companies, 2016-2021

Table 7. Key Manufacturers Railway Friction Material Price (2016-2021) & (US\$/Unit)

Table 8. Global Manufacturers Railway Friction Material Product Type

Table 9. List of Global Tier 1 Railway Friction Material Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Railway Friction Material Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 11. By Type – Global Railway Friction Material Revenue, (US\$, Mn), 2021 VS 2027

Table 12. By Type - Global Railway Friction Material Revenue (US\$, Mn), 2016-2021

Table 13. By Type - Global Railway Friction Material Revenue (US\$, Mn), 2022-2027

Table 14. By Type - Global Railway Friction Material Sales (K Units), 2016-2021

Table 15. By Type - Global Railway Friction Material Sales (K Units), 2022-2027

Table 16. By Application – Global Railway Friction Material Revenue, (US\$, Mn), 2021 VS 2027

Table 17. By Application - Global Railway Friction Material Revenue (US\$, Mn), 2016-2021

Table 18. By Application - Global Railway Friction Material Revenue (US\$, Mn), 2022-2027

Table 19. By Application - Global Railway Friction Material Sales (K Units), 2016-2021

Table 20. By Application - Global Railway Friction Material Sales (K Units), 2022-2027

Table 21. By Region – Global Railway Friction Material Revenue, (US\$, Mn), 2021 VS 2027

Table 22. By Region - Global Railway Friction Material Revenue (US\$, Mn), 2016-2021

Table 23. By Region - Global Railway Friction Material Revenue (US\$, Mn), 2022-2027

Table 24. By Region - Global Railway Friction Material Sales (K Units), 2016-2021

Table 25. By Region - Global Railway Friction Material Sales (K Units), 2022-2027

Table 26. By Country - North America Railway Friction Material Revenue, (US\$, Mn),

2016-2021

Table 27. By Country - North America Railway Friction Material Revenue, (US\$, Mn), 2022-2027

Table 28. By Country - North America Railway Friction Material Sales, (K Units), 2016-2021

Table 29. By Country - North America Railway Friction Material Sales, (K Units), 2022-2027

Table 30. By Country - Europe Railway Friction Material Revenue, (US\$, Mn), 2016-2021

Table 31. By Country - Europe Railway Friction Material Revenue, (US\$, Mn), 2022-2027

Table 32. By Country - Europe Railway Friction Material Sales, (K Units), 2016-2021

Table 33. By Country - Europe Railway Friction Material Sales, (K Units), 2022-2027

Table 34. By Region - Asia Railway Friction Material Revenue, (US\$, Mn), 2016-2021

Table 35. By Region - Asia Railway Friction Material Revenue, (US\$, Mn), 2022-2027

Table 36. By Region - Asia Railway Friction Material Sales, (K Units), 2016-2021

Table 37. By Region - Asia Railway Friction Material Sales, (K Units), 2022-2027

Table 38. By Country - South America Railway Friction Material Revenue, (US\$, Mn), 2016-2021

Table 39. By Country - South America Railway Friction Material Revenue, (US\$, Mn), 2022-2027

Table 40. By Country - South America Railway Friction Material Sales, (K Units), 2016-2021

Table 41. By Country - South America Railway Friction Material Sales, (K Units), 2022-2027

Table 42. By Country - Middle East & Africa Railway Friction Material Revenue, (US\$, Mn), 2016-2021

Table 43. By Country - Middle East & Africa Railway Friction Material Revenue, (US\$, Mn), 2022-2027

Table 44. By Country - Middle East & Africa Railway Friction Material Sales, (K Units), 2016-2021

Table 45. By Country - Middle East & Africa Railway Friction Material Sales, (K Units), 2022-2027

Table 46. Escorts Railway Division Corporate Summary

Table 47. Escorts Railway Division Railway Friction Material Product Offerings

Table 48. Escorts Railway Division Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 49. Wabtec Corporation Corporate Summary

Table 50. Wabtec Corporation Railway Friction Material Product Offerings



Table 51. Wabtec Corporation Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 52. Knorr-Bremse Corporate Summary

Table 53. Knorr-Bremse Railway Friction Material Product Offerings

Table 54. Knorr-Bremse Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 55. Tribo Corporate Summary

Table 56. Tribo Railway Friction Material Product Offerings

Table 57. Tribo Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 58. Akebono Corporate Summary

Table 59. Akebono Railway Friction Material Product Offerings

Table 60. Akebono Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 61. Beijing Tianyishangjia New Material Corp Corporate Summary

Table 62. Beijing Tianyishangjia New Material Corp Railway Friction Material Product Offerings

Table 63. Beijing Tianyishangjia New Material Corp Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 64. CRRC Qishuyan Institute Co.,Ltd Corporate Summary

Table 65. CRRC Qishuyan Institute Co.,Ltd Railway Friction Material Product Offerings

Table 66. CRRC Qishuyan Institute Co.,Ltd Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 67. Beijing Puran Railway Braking High-Tech Co.,Ltd Corporate Summary

Table 68. Beijing Puran Railway Braking High-Tech Co.,Ltd Railway Friction Material Product Offerings

Table 69. Beijing Puran Railway Braking High-Tech Co.,Ltd Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 70. Beijing Railway Star Fortune High-Tech Co.,Ltd Corporate Summary

Table 71. Beijing Railway Star Fortune High-Tech Co.,Ltd Railway Friction Material Product Offerings

Table 72. Beijing Railway Star Fortune High-Tech Co.,Ltd Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 73. Bosun Tools Corporate Summary

Table 74. Bosun Tools Railway Friction Material Product Offerings

Table 75. Bosun Tools Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 76. TOKAI Carbon Corporate Summary

Table 77. TOKAI Carbon Railway Friction Material Product Offerings



Table 78. TOKAI Carbon Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 79. Miba Corporate Summary

Table 80. Miba Railway Friction Material Product Offerings

Table 81. Miba Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 82. Bremskerl Corporate Summary

Table 83. Bremskerl Railway Friction Material Product Offerings

Table 84. Bremskerl Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 85. Carlisle Corporate Summary

Table 86. Carlisle Railway Friction Material Product Offerings

Table 87. Carlisle Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 88. EBC Brakes Group Corporate Summary

Table 89. EBC Brakes Group Railway Friction Material Product Offerings

Table 90. EBC Brakes Group Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 91. FLERTEX Corporate Summary

Table 92. FLERTEX Railway Friction Material Product Offerings

Table 93. FLERTEX Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 94. Rane Group Corporate Summary

Table 95. Rane Group Railway Friction Material Product Offerings

Table 96. Rane Group Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 97. MASU Corporate Summary

Table 98. MASU Railway Friction Material Product Offerings

Table 99. MASU Railway Friction Material Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2016-2021)

Table 100. Railway Friction Material Production Capacity (K Units) of Key Manufacturers in Global Market, 2019-2021 (K Units)

Table 101. Global Railway Friction Material Capacity Market Share of Key Manufacturers, 2019-2021

Table 102. Global Railway Friction Material Production by Region, 2016-2021 (K Units)

Table 103. Global Railway Friction Material Production by Region, 2022-2027 (K Units)

Table 104. Railway Friction Material Market Opportunities & Trends in Global Market

Table 105. Railway Friction Material Market Drivers in Global Market

Table 106. Railway Friction Material Market Restraints in Global Market

Table 107. Railway Friction Material Raw Materials

Table 108. Railway Friction Material Raw Materials Suppliers in Global Market

Table 109. Typical Railway Friction Material Downstream

Table 110. Railway Friction Material Downstream Clients in Global Market

Table 111. Railway Friction Material Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Railway Friction Material Segment by Type
- Figure 2. Railway Friction Material Segment by Application
- Figure 3. Global Railway Friction Material Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global Railway Friction Material Market Size: 2021 VS 2027 (US\$, Mn)
- Figure 6. Global Railway Friction Material Revenue, 2016-2027 (US\$, Mn)
- Figure 7. Railway Friction Material Sales in Global Market: 2016-2027 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Railway Friction Material Revenue in 2020
- Figure 9. By Type - Global Railway Friction Material Sales Market Share, 2016-2027
- Figure 10. By Type - Global Railway Friction Material Revenue Market Share, 2016-2027
- Figure 11. By Type - Global Railway Friction Material Price (US\$/Unit), 2016-2027
- Figure 12. By Application - Global Railway Friction Material Sales Market Share, 2016-2027
- Figure 13. By Application - Global Railway Friction Material Revenue Market Share, 2016-2027
- Figure 14. By Application - Global Railway Friction Material Price (US\$/Unit), 2016-2027
- Figure 15. By Region - Global Railway Friction Material Sales Market Share, 2016-2027
- Figure 16. By Region - Global Railway Friction Material Revenue Market Share, 2016-2027
- Figure 17. By Country - North America Railway Friction Material Revenue Market Share, 2016-2027
- Figure 18. By Country - North America Railway Friction Material Sales Market Share, 2016-2027
- Figure 19. US Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 20. Canada Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 21. Mexico Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 22. By Country - Europe Railway Friction Material Revenue Market Share, 2016-2027
- Figure 23. By Country - Europe Railway Friction Material Sales Market Share, 2016-2027
- Figure 24. Germany Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 25. France Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 26. U.K. Railway Friction Material Revenue, (US\$, Mn), 2016-2027

- Figure 27. Italy Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 28. Russia Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 29. Nordic Countries Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 30. Benelux Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 31. By Region - Asia Railway Friction Material Revenue Market Share, 2016-2027
- Figure 32. By Region - Asia Railway Friction Material Sales Market Share, 2016-2027
- Figure 33. China Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 34. Japan Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 35. South Korea Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 36. Southeast Asia Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 37. India Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 38. By Country - South America Railway Friction Material Revenue Market Share, 2016-2027
- Figure 39. By Country - South America Railway Friction Material Sales Market Share, 2016-2027
- Figure 40. Brazil Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 41. Argentina Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 42. By Country - Middle East & Africa Railway Friction Material Revenue Market Share, 2016-2027
- Figure 43. By Country - Middle East & Africa Railway Friction Material Sales Market Share, 2016-2027
- Figure 44. Turkey Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 45. Israel Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 46. Saudi Arabia Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 47. UAE Railway Friction Material Revenue, (US\$, Mn), 2016-2027
- Figure 48. Global Railway Friction Material Production Capacity (K Units), 2016-2027
- Figure 49. The Percentage of Production Railway Friction Material by Region, 2020 VS 2027
- Figure 50. Railway Friction Material Industry Value Chain
- Figure 51. Marketing Channels

## I would like to order

Product name: Railway Friction Material Market - Global Outlook and Forecast 2021-2027

Product link: <https://marketpublishers.com/r/R981EB6096E2EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R981EB6096E2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970