

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

https://marketpublishers.com/r/GBB3142D20B9EN.html

Date: June 2024

Pages: 97

Price: US\$ 3,480.00 (Single User License)

ID: GBB3142D20B9EN

Abstracts

According to our (Global Info Research) latest study, the global Friction Modifier market size was valued at USD 969.6 million in 2023 and is forecast to a readjusted size of USD 1193.7 million by 2030 with a CAGR of 3.0% during review period.

The Global Info Research report includes an overview of the development of the Friction Modifier industry chain, the market status of Automotive (Organic Friction Modifier, Inorganic Friction Modifier), Aviation (Organic Friction Modifier, Inorganic Friction Modifier), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Friction Modifier.

Regionally, the report analyzes the Friction Modifier 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 Friction Modifier market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Friction Modifier 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 Friction Modifier 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 MT), revenue generated, and market share of different by Type (e.g., Organic Friction Modifier, Inorganic Friction Modifier).

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 Friction Modifier market.

Regional Analysis: The report involves examining the Friction Modifier 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 Friction Modifier market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Friction Modifier:

Company Analysis: Report covers individual Friction Modifier 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 Friction Modifier This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Aviation).

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

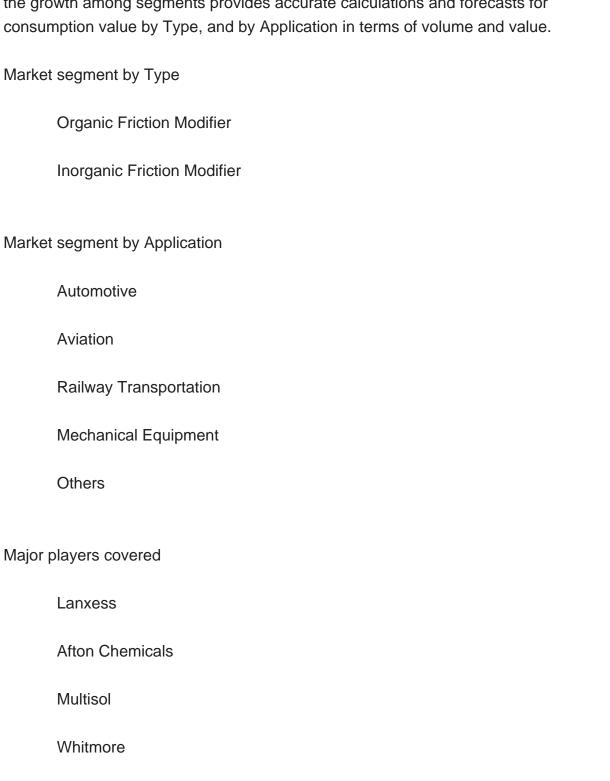
Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Friction Modifier market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

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



Market Segmentation

Friction Modifier market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for



International Lubricants



Archoil

Wynn's

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 Friction Modifier product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Friction Modifier 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 Friction Modifier 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 Friction Modifier.

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



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Friction Modifier
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
- 1.3.1 Overview: Global Friction Modifier Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Organic Friction Modifier
 - 1.3.3 Inorganic Friction Modifier
- 1.4 Market Analysis by Application
- 1.4.1 Overview: Global Friction Modifier Consumption Value by Application: 2019

Versus 2023 Versus 2030

- 1.4.2 Automotive
- 1.4.3 Aviation
- 1.4.4 Railway Transportation
- 1.4.5 Mechanical Equipment
- 1.4.6 Others
- 1.5 Global Friction Modifier Market Size & Forecast
 - 1.5.1 Global Friction Modifier Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Friction Modifier Sales Quantity (2019-2030)
 - 1.5.3 Global Friction Modifier Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Lanxess
 - 2.1.1 Lanxess Details
 - 2.1.2 Lanxess Major Business
 - 2.1.3 Lanxess Friction Modifier Product and Services
- 2.1.4 Lanxess Friction Modifier Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Lanxess Recent Developments/Updates
- 2.2 Afton Chemicals
 - 2.2.1 Afton Chemicals Details
 - 2.2.2 Afton Chemicals Major Business
 - 2.2.3 Afton Chemicals Friction Modifier Product and Services
 - 2.2.4 Afton Chemicals Friction Modifier Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)



- 2.2.5 Afton Chemicals Recent Developments/Updates
- 2.3 Multisol
 - 2.3.1 Multisol Details
 - 2.3.2 Multisol Major Business
 - 2.3.3 Multisol Friction Modifier Product and Services
- 2.3.4 Multisol Friction Modifier Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Multisol Recent Developments/Updates
- 2.4 Whitmore
 - 2.4.1 Whitmore Details
 - 2.4.2 Whitmore Major Business
 - 2.4.3 Whitmore Friction Modifier Product and Services
- 2.4.4 Whitmore Friction Modifier Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Whitmore Recent Developments/Updates
- 2.5 International Lubricants
 - 2.5.1 International Lubricants Details
 - 2.5.2 International Lubricants Major Business
 - 2.5.3 International Lubricants Friction Modifier Product and Services
 - 2.5.4 International Lubricants Friction Modifier Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.5.5 International Lubricants Recent Developments/Updates
- 2.6 Archoil
 - 2.6.1 Archoil Details
 - 2.6.2 Archoil Major Business
 - 2.6.3 Archoil Friction Modifier Product and Services
- 2.6.4 Archoil Friction Modifier Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Archoil Recent Developments/Updates
- 2.7 Wynn's
 - 2.7.1 Wynn's Details
 - 2.7.2 Wynn's Major Business
 - 2.7.3 Wynn's Friction Modifier Product and Services
- 2.7.4 Wynn's Friction Modifier Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Wynn's Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: FRICTION MODIFIER BY MANUFACTURER



- 3.1 Global Friction Modifier Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Friction Modifier Revenue by Manufacturer (2019-2024)
- 3.3 Global Friction Modifier Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
- 3.4.1 Producer Shipments of Friction Modifier by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Friction Modifier Manufacturer Market Share in 2023
- 3.4.2 Top 6 Friction Modifier Manufacturer Market Share in 2023
- 3.5 Friction Modifier Market: Overall Company Footprint Analysis
 - 3.5.1 Friction Modifier Market: Region Footprint
 - 3.5.2 Friction Modifier Market: Company Product Type Footprint
 - 3.5.3 Friction Modifier Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Friction Modifier Market Size by Region
 - 4.1.1 Global Friction Modifier Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Friction Modifier Consumption Value by Region (2019-2030)
 - 4.1.3 Global Friction Modifier Average Price by Region (2019-2030)
- 4.2 North America Friction Modifier Consumption Value (2019-2030)
- 4.3 Europe Friction Modifier Consumption Value (2019-2030)
- 4.4 Asia-Pacific Friction Modifier Consumption Value (2019-2030)
- 4.5 South America Friction Modifier Consumption Value (2019-2030)
- 4.6 Middle East and Africa Friction Modifier Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Friction Modifier Sales Quantity by Type (2019-2030)
- 5.2 Global Friction Modifier Consumption Value by Type (2019-2030)
- 5.3 Global Friction Modifier Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Friction Modifier Sales Quantity by Application (2019-2030)
- 6.2 Global Friction Modifier Consumption Value by Application (2019-2030)
- 6.3 Global Friction Modifier Average Price by Application (2019-2030)



7 NORTH AMERICA

- 7.1 North America Friction Modifier Sales Quantity by Type (2019-2030)
- 7.2 North America Friction Modifier Sales Quantity by Application (2019-2030)
- 7.3 North America Friction Modifier Market Size by Country
 - 7.3.1 North America Friction Modifier Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Friction Modifier Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Friction Modifier Sales Quantity by Type (2019-2030)
- 8.2 Europe Friction Modifier Sales Quantity by Application (2019-2030)
- 8.3 Europe Friction Modifier Market Size by Country
 - 8.3.1 Europe Friction Modifier Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Friction Modifier Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Friction Modifier Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Friction Modifier Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Friction Modifier Market Size by Region
 - 9.3.1 Asia-Pacific Friction Modifier Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Friction Modifier Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA



- 10.1 South America Friction Modifier Sales Quantity by Type (2019-2030)
- 10.2 South America Friction Modifier Sales Quantity by Application (2019-2030)
- 10.3 South America Friction Modifier Market Size by Country
- 10.3.1 South America Friction Modifier Sales Quantity by Country (2019-2030)
- 10.3.2 South America Friction Modifier Consumption Value by Country (2019-2030)
- 10.3.3 Brazil Market Size and Forecast (2019-2030)
- 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Friction Modifier Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Friction Modifier Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Friction Modifier Market Size by Country
- 11.3.1 Middle East & Africa Friction Modifier Sales Quantity by Country (2019-2030)
- 11.3.2 Middle East & Africa Friction Modifier Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Friction Modifier Market Drivers
- 12.2 Friction Modifier Market Restraints
- 12.3 Friction Modifier Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Friction Modifier and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Friction Modifier
- 13.3 Friction Modifier Production Process



13.4 Friction Modifier Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Friction Modifier Typical Distributors
- 14.3 Friction Modifier Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Friction Modifier Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Friction Modifier Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Lanxess Basic Information, Manufacturing Base and Competitors

Table 4. Lanxess Major Business

Table 5. Lanxess Friction Modifier Product and Services

Table 6. Lanxess Friction Modifier Sales Quantity (K MT), Average Price (USD/MT),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Lanxess Recent Developments/Updates

Table 8. Afton Chemicals Basic Information, Manufacturing Base and Competitors

Table 9. Afton Chemicals Major Business

Table 10. Afton Chemicals Friction Modifier Product and Services

Table 11. Afton Chemicals Friction Modifier Sales Quantity (K MT), Average Price

(USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Afton Chemicals Recent Developments/Updates

Table 13. Multisol Basic Information, Manufacturing Base and Competitors

Table 14. Multisol Major Business

Table 15. Multisol Friction Modifier Product and Services

Table 16. Multisol Friction Modifier Sales Quantity (K MT), Average Price (USD/MT),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Multisol Recent Developments/Updates

Table 18. Whitmore Basic Information, Manufacturing Base and Competitors

Table 19. Whitmore Major Business

Table 20. Whitmore Friction Modifier Product and Services

Table 21. Whitmore Friction Modifier Sales Quantity (K MT), Average Price (USD/MT),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Whitmore Recent Developments/Updates

Table 23. International Lubricants Basic Information, Manufacturing Base and

Competitors

Table 24. International Lubricants Major Business

Table 25. International Lubricants Friction Modifier Product and Services

Table 26. International Lubricants Friction Modifier Sales Quantity (K MT), Average

Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. International Lubricants Recent Developments/Updates



- Table 28. Archoil Basic Information, Manufacturing Base and Competitors
- Table 29. Archoil Major Business
- Table 30. Archoil Friction Modifier Product and Services
- Table 31. Archoil Friction Modifier Sales Quantity (K MT), Average Price (USD/MT),
- Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Archoil Recent Developments/Updates
- Table 33. Wynn's Basic Information, Manufacturing Base and Competitors
- Table 34. Wynn's Major Business
- Table 35. Wynn's Friction Modifier Product and Services
- Table 36. Wynn's Friction Modifier Sales Quantity (K MT), Average Price (USD/MT),
- Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Wynn's Recent Developments/Updates
- Table 38. Global Friction Modifier Sales Quantity by Manufacturer (2019-2024) & (K MT)
- Table 39. Global Friction Modifier Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 40. Global Friction Modifier Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 41. Market Position of Manufacturers in Friction Modifier, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 42. Head Office and Friction Modifier Production Site of Key Manufacturer
- Table 43. Friction Modifier Market: Company Product Type Footprint
- Table 44. Friction Modifier Market: Company Product Application Footprint
- Table 45. Friction Modifier New Market Entrants and Barriers to Market Entry
- Table 46. Friction Modifier Mergers, Acquisition, Agreements, and Collaborations
- Table 47. Global Friction Modifier Sales Quantity by Region (2019-2024) & (K MT)
- Table 48. Global Friction Modifier Sales Quantity by Region (2025-2030) & (K MT)
- Table 49. Global Friction Modifier Consumption Value by Region (2019-2024) & (USD Million)
- Table 50. Global Friction Modifier Consumption Value by Region (2025-2030) & (USD Million)
- Table 51. Global Friction Modifier Average Price by Region (2019-2024) & (USD/MT)
- Table 52. Global Friction Modifier Average Price by Region (2025-2030) & (USD/MT)
- Table 53. Global Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)
- Table 54. Global Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)
- Table 55. Global Friction Modifier Consumption Value by Type (2019-2024) & (USD Million)
- Table 56. Global Friction Modifier Consumption Value by Type (2025-2030) & (USD Million)



- Table 57. Global Friction Modifier Average Price by Type (2019-2024) & (USD/MT)
- Table 58. Global Friction Modifier Average Price by Type (2025-2030) & (USD/MT)
- Table 59. Global Friction Modifier Sales Quantity by Application (2019-2024) & (K MT)
- Table 60. Global Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)
- Table 61. Global Friction Modifier Consumption Value by Application (2019-2024) & (USD Million)
- Table 62. Global Friction Modifier Consumption Value by Application (2025-2030) & (USD Million)
- Table 63. Global Friction Modifier Average Price by Application (2019-2024) & (USD/MT)
- Table 64. Global Friction Modifier Average Price by Application (2025-2030) & (USD/MT)
- Table 65. North America Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)
- Table 66. North America Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)
- Table 67. North America Friction Modifier Sales Quantity by Application (2019-2024) & (K MT)
- Table 68. North America Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)
- Table 69. North America Friction Modifier Sales Quantity by Country (2019-2024) & (K MT)
- Table 70. North America Friction Modifier Sales Quantity by Country (2025-2030) & (K MT)
- Table 71. North America Friction Modifier Consumption Value by Country (2019-2024) & (USD Million)
- Table 72. North America Friction Modifier Consumption Value by Country (2025-2030) & (USD Million)
- Table 73. Europe Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)
- Table 74. Europe Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)
- Table 75. Europe Friction Modifier Sales Quantity by Application (2019-2024) & (K MT)
- Table 76. Europe Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)
- Table 77. Europe Friction Modifier Sales Quantity by Country (2019-2024) & (K MT)
- Table 78. Europe Friction Modifier Sales Quantity by Country (2025-2030) & (K MT)
- Table 79. Europe Friction Modifier Consumption Value by Country (2019-2024) & (USD Million)
- Table 80. Europe Friction Modifier Consumption Value by Country (2025-2030) & (USD Million)
- Table 81. Asia-Pacific Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)
- Table 82. Asia-Pacific Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)
- Table 83. Asia-Pacific Friction Modifier Sales Quantity by Application (2019-2024) & (K



MT)

Table 84. Asia-Pacific Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)

Table 85. Asia-Pacific Friction Modifier Sales Quantity by Region (2019-2024) & (K MT)

Table 86. Asia-Pacific Friction Modifier Sales Quantity by Region (2025-2030) & (K MT)

Table 87. Asia-Pacific Friction Modifier Consumption Value by Region (2019-2024) & (USD Million)

Table 88. Asia-Pacific Friction Modifier Consumption Value by Region (2025-2030) & (USD Million)

Table 89. South America Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)

Table 90. South America Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)

Table 91. South America Friction Modifier Sales Quantity by Application (2019-2024) & (K MT)

Table 92. South America Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)

Table 93. South America Friction Modifier Sales Quantity by Country (2019-2024) & (K MT)

Table 94. South America Friction Modifier Sales Quantity by Country (2025-2030) & (K MT)

Table 95. South America Friction Modifier Consumption Value by Country (2019-2024) & (USD Million)

Table 96. South America Friction Modifier Consumption Value by Country (2025-2030) & (USD Million)

Table 97. Middle East & Africa Friction Modifier Sales Quantity by Type (2019-2024) & (K MT)

Table 98. Middle East & Africa Friction Modifier Sales Quantity by Type (2025-2030) & (K MT)

Table 99. Middle East & Africa Friction Modifier Sales Quantity by Application (2019-2024) & (K MT)

Table 100. Middle East & Africa Friction Modifier Sales Quantity by Application (2025-2030) & (K MT)

Table 101. Middle East & Africa Friction Modifier Sales Quantity by Region (2019-2024) & (K MT)

Table 102. Middle East & Africa Friction Modifier Sales Quantity by Region (2025-2030) & (K MT)

Table 103. Middle East & Africa Friction Modifier Consumption Value by Region (2019-2024) & (USD Million)



Table 104. Middle East & Africa Friction Modifier Consumption Value by Region (2025-2030) & (USD Million)

Table 105. Friction Modifier Raw Material

Table 106. Key Manufacturers of Friction Modifier Raw Materials

Table 107. Friction Modifier Typical Distributors

Table 108. Friction Modifier Typical Customers



List Of Figures

LIST OF FIGURES

- Figure 1. Friction Modifier Picture
- Figure 2. Global Friction Modifier Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Friction Modifier Consumption Value Market Share by Type in 2023
- Figure 4. Organic Friction Modifier Examples
- Figure 5. Inorganic Friction Modifier Examples
- Figure 6. Global Friction Modifier Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 7. Global Friction Modifier Consumption Value Market Share by Application in 2023
- Figure 8. Automotive Examples
- Figure 9. Aviation Examples
- Figure 10. Railway Transportation Examples
- Figure 11. Mechanical Equipment Examples
- Figure 12. Others Examples
- Figure 13. Global Friction Modifier Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 14. Global Friction Modifier Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 15. Global Friction Modifier Sales Quantity (2019-2030) & (K MT)
- Figure 16. Global Friction Modifier Average Price (2019-2030) & (USD/MT)
- Figure 17. Global Friction Modifier Sales Quantity Market Share by Manufacturer in 2023
- Figure 18. Global Friction Modifier Consumption Value Market Share by Manufacturer in 2023
- Figure 19. Producer Shipments of Friction Modifier by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 20. Top 3 Friction Modifier Manufacturer (Consumption Value) Market Share in 2023
- Figure 21. Top 6 Friction Modifier Manufacturer (Consumption Value) Market Share in 2023
- Figure 22. Global Friction Modifier Sales Quantity Market Share by Region (2019-2030)
- Figure 23. Global Friction Modifier Consumption Value Market Share by Region (2019-2030)
- Figure 24. North America Friction Modifier Consumption Value (2019-2030) & (USD



Million)

- Figure 25. Europe Friction Modifier Consumption Value (2019-2030) & (USD Million)
- Figure 26. Asia-Pacific Friction Modifier Consumption Value (2019-2030) & (USD Million)
- Figure 27. South America Friction Modifier Consumption Value (2019-2030) & (USD Million)
- Figure 28. Middle East & Africa Friction Modifier Consumption Value (2019-2030) & (USD Million)
- Figure 29. Global Friction Modifier Sales Quantity Market Share by Type (2019-2030)
- Figure 30. Global Friction Modifier Consumption Value Market Share by Type (2019-2030)
- Figure 31. Global Friction Modifier Average Price by Type (2019-2030) & (USD/MT)
- Figure 32. Global Friction Modifier Sales Quantity Market Share by Application (2019-2030)
- Figure 33. Global Friction Modifier Consumption Value Market Share by Application (2019-2030)
- Figure 34. Global Friction Modifier Average Price by Application (2019-2030) & (USD/MT)
- Figure 35. North America Friction Modifier Sales Quantity Market Share by Type (2019-2030)
- Figure 36. North America Friction Modifier Sales Quantity Market Share by Application (2019-2030)
- Figure 37. North America Friction Modifier Sales Quantity Market Share by Country (2019-2030)
- Figure 38. North America Friction Modifier Consumption Value Market Share by Country (2019-2030)
- Figure 39. United States Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 40. Canada Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 41. Mexico Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 42. Europe Friction Modifier Sales Quantity Market Share by Type (2019-2030)
- Figure 43. Europe Friction Modifier Sales Quantity Market Share by Application (2019-2030)
- Figure 44. Europe Friction Modifier Sales Quantity Market Share by Country (2019-2030)
- Figure 45. Europe Friction Modifier Consumption Value Market Share by Country (2019-2030)



Figure 46. Germany Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Friction Modifier Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Friction Modifier Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Friction Modifier Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Friction Modifier Consumption Value Market Share by Region (2019-2030)

Figure 55. China Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Friction Modifier Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Friction Modifier Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Friction Modifier Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Friction Modifier Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Friction Modifier Consumption Value and Growth Rate (2019-2030) &



(USD Million)

Figure 66. Argentina Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Friction Modifier Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Friction Modifier Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Friction Modifier Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Friction Modifier Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Friction Modifier Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Friction Modifier Market Drivers

Figure 76. Friction Modifier Market Restraints

Figure 77. Friction Modifier Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Friction Modifier in 2023

Figure 80. Manufacturing Process Analysis of Friction Modifier

Figure 81. Friction Modifier Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source



I would like to order

Product name: Global Friction Modifier Market 2024 by Manufacturers, Regions, Type and Application,

Forecast to 2030

Product link: https://marketpublishers.com/r/GBB3142D20B9EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GBB3142D20B9EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

