

Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G959EB18EBD5EN.html>

Date: July 2024

Pages: 120

Price: US\$ 3,200.00 (Single User License)

ID: G959EB18EBD5EN

Abstracts

Report Overview:

The Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size was estimated at USD 644.55 million in 2023 and is projected to reach USD 721.61 million by 2029, exhibiting a CAGR of 1.90% during the forecast period.

This report provides a deep insight into the global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Polyethylene Naphthalate Two Formic Acid Glycol Ester

(PEN) market in any manner.

Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Teijin

TOYOBO

Mitsubishi Chemical Corporation

UniPET

M&G

KOSA

PPI Adhesive Products

Market Segmentation (by Type)

Film

Bottle

Other

Market Segmentation (by Application)

Beverage Package

Electronic Package

Automobile

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market

Overview of the regional outlook of the Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the

industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

1.2 Key Market Segments

1.2.1 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Segment by Type

1.2.2 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET COMPETITIVE LANDSCAPE

3.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Manufacturers (2019-2024)

3.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Revenue Market Share by Manufacturers (2019-2024)

3.3 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Sites, Area Served, Product Type

3.6 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Competitive Situation and Trends

3.6.1 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Concentration Rate

3.6.2 Global 5 and 10 Largest Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) INDUSTRY CHAIN ANALYSIS

4.1 Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Type (2019-2024)

6.3 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Market Share by Type (2019-2024)

6.4 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Price by Type (2019-2024)

7 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Sales by Application (2019-2024)

7.3 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD) by Application (2019-2024)

7.4 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Growth Rate by Application (2019-2024)

8 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET SEGMENTATION BY REGION

8.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Region

8.1.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Region

8.1.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Region

8.2 North America

8.2.1 North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 Teijin

9.1.1 Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.1.2 Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.1.3 Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.1.4 Teijin Business Overview

9.1.5 Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

9.1.6 Teijin Recent Developments

9.2 TOYOBO

9.2.1 TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.2.2 TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Product Overview

9.2.3 TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Product Market Performance

9.2.4 TOYOBO Business Overview

9.2.5 TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

9.2.6 TOYOBO Recent Developments

9.3 Mitsubishi Chemical Corporation

9.3.1 Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.3.2 Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.3.3 Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.3.4 Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

9.3.5 Mitsubishi Chemical Corporation Business Overview

9.3.6 Mitsubishi Chemical Corporation Recent Developments

9.4 UniPET

9.4.1 UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.4.2 UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.4.3 UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.4.4 UniPET Business Overview

9.4.5 UniPET Recent Developments

9.5 MandG

9.5.1 MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.5.2 MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.5.3 MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.5.4 MandG Business Overview

9.5.5 MandG Recent Developments

9.6 KOSA

9.6.1 KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic

Information

9.6.2 KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.6.3 KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.6.4 KOSA Business Overview

9.6.5 KOSA Recent Developments

9.7 PPI Adhesive Products

9.7.1 PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

9.7.2 PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

9.7.3 PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Market Performance

9.7.4 PPI Adhesive Products Business Overview

9.7.5 PPI Adhesive Products Recent Developments

10 POLYETHYLENE NAPHTHALATE TWO FORMIC ACID GLYCOL ESTER (PEN) MARKET FORECAST BY REGION

10.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast

10.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country

10.2.3 Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Region

10.2.4 South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Polyethylene Naphthalate Two Formic Acid Glycol

Ester (PEN) by Type (2025-2030)

11.1.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) by Type (2025-2030)

11.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Forecast by Application (2025-2030)

11.2.1 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) Forecast by Application

11.2.2 Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Comparison by Region (M USD)

Table 5. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) by Manufacturers (2019-2024)

Table 6. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) as of 2022)

Table 10. Global Market Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Average Price (USD/Ton) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Sites and Area Served

Table 12. Manufacturers Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Type

Table 13. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Challenges

Table 22. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Type (Kilotons)

Table 23. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size by Type (M USD)

Table 24. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) by Type (2019-2024)

Table 25. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Type (2019-2024)

Table 26. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD) by Type (2019-2024)

Table 27. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Share by Type (2019-2024)

Table 28. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Price (USD/Ton) by Type (2019-2024)

Table 29. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) by Application

Table 30. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size by Application

Table 31. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Application (2019-2024) & (Kilotons)

Table 32. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Application (2019-2024)

Table 33. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Application (2019-2024) & (M USD)

Table 34. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Application (2019-2024)

Table 35. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Growth Rate by Application (2019-2024)

Table 36. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Region (2019-2024) & (Kilotons)

Table 37. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Region (2019-2024)

Table 38. North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Country (2019-2024) & (Kilotons)

Table 39. Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Country (2019-2024) & (Kilotons)

Table 40. Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Region (2019-2024) & (Kilotons)

Table 41. South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales by Country (2019-2024) & (Kilotons)

Table 42. Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol

Ester (PEN) Sales by Region (2019-2024) & (Kilotons)

Table 43. Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 44. Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 45. Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 46. Teijin Business Overview

Table 47. Teijin Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

Table 48. Teijin Recent Developments

Table 49. TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 50. TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 51. TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 52. TOYOBO Business Overview

Table 53. TOYOBO Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

Table 54. TOYOBO Recent Developments

Table 55. Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 56. Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 57. Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 58. Mitsubishi Chemical Corporation Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) SWOT Analysis

Table 59. Mitsubishi Chemical Corporation Business Overview

Table 60. Mitsubishi Chemical Corporation Recent Developments

Table 61. UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 62. UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 63. UniPET Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 64. UniPET Business Overview

Table 65. UniPET Recent Developments

Table 66. MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 67. MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 68. MandG Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 69. MandG Business Overview

Table 70. MandG Recent Developments

Table 71. KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 72. KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 73. KOSA Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 74. KOSA Business Overview

Table 75. KOSA Recent Developments

Table 76. PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Basic Information

Table 77. PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Product Overview

Table 78. PPI Adhesive Products Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 79. PPI Adhesive Products Business Overview

Table 80. PPI Adhesive Products Recent Developments

Table 81. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Region (2025-2030) & (Kilotons)

Table 82. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Region (2025-2030) & (M USD)

Table 83. North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Country (2025-2030) & (Kilotons)

Table 84. North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country (2025-2030) & (M USD)

Table 85. Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Country (2025-2030) & (Kilotons)

Table 86. Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country (2025-2030) & (M USD)

Table 87. Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Sales Forecast by Region (2025-2030) & (Kilotons)

Table 88. Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Region (2025-2030) & (M USD)

Table 89. South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Country (2025-2030) & (Kilotons)

Table 90. South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country (2025-2030) & (M USD)

Table 91. Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Consumption Forecast by Country (2025-2030) & (Units)

Table 92. Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Country (2025-2030) & (M USD)

Table 93. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Type (2025-2030) & (Kilotons)

Table 94. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Type (2025-2030) & (M USD)

Table 95. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Price Forecast by Type (2025-2030) & (USD/Ton)

Table 96. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) Forecast by Application (2025-2030)

Table 97. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN)

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD), 2019-2030

Figure 5. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size (M USD) (2019-2030)

Figure 6. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size by Country (M USD)

Figure 11. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Share by Manufacturers in 2023

Figure 12. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Revenue Share by Manufacturers in 2023

Figure 13. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Average Price (USD/Ton) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Type

Figure 18. Sales Market Share of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) by Type (2019-2024)

Figure 19. Sales Market Share of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) by Type in 2023

Figure 20. Market Size Share of Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) by Type (2019-2024)

Figure 21. Market Size Market Share of Polyethylene Naphthalate Two Formic Acid

Glycol Ester (PEN) by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Application

Figure 24. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Application (2019-2024)

Figure 25. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Application in 2023

Figure 26. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Application (2019-2024)

Figure 27. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share by Application in 2023

Figure 28. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Growth Rate by Application (2019-2024)

Figure 29. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Region (2019-2024)

Figure 30. North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Country in 2023

Figure 32. U.S. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Country in 2023

Figure 37. Germany Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales

and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Region in 2023

Figure 44. China Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 48. Southeast Asia Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 49. South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (Kilotons)

Figure 50. South America Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Country in 2023

Figure 51. Brazil Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 52. Argentina Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 53. Columbia Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 54. Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (Kilotons)

Figure 55. Middle East and Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 57. UAE Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 58. Egypt Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 59. Nigeria Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 60. South Africa Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 61. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Volume (2019-2030) & (Kilotons)

Figure 62. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share Forecast by Type (2025-2030)

Figure 65. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Sales Forecast by Application (2025-2030)

Figure 66. Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Polyethylene Naphthalate Two Formic Acid Glycol Ester (PEN) Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G959EB18EBD5EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G959EB18EBD5EN.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

