

Global Polyethylene Naphthalate (PEN) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GB1AE2FE660EN.html>

Date: January 2024

Pages: 95

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

ID: GB1AE2FE660EN

Abstracts

According to our (Global Info Research) latest study, the global Polyethylene Naphthalate (PEN) market size was valued at USD 650 million in 2023 and is forecast to a readjusted size of USD 737.4 million by 2030 with a CAGR of 1.8% during review period.

PEN(Polyethylene Naphthalate) is a new generation polymer and a high performance member of the polyester family. It is mainly used on three formulations, PEN Resin, PEN Film and PEN Fiber.

The key Polyethylene Naphthalate (PEN) manufacturers are DowDuPont, SKC, Sumitomo Chemical, Polyonics, 3M, Kolon Plastics, SASA, Performance Fibers, Toray Industries etc. Teijin is the largest manufacturer with about 66% market share.

The Global Info Research report includes an overview of the development of the Polyethylene Naphthalate (PEN) industry chain, the market status of Electric and Electronic (PEN Film Grade, PEN Fiber Grade), Textiles (PEN Film Grade, PEN Fiber Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Polyethylene Naphthalate (PEN).

Regionally, the report analyzes the Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) 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., PEN Film Grade, PEN Fiber Grade).

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 Polyethylene Naphthalate (PEN) market.

Regional Analysis: The report involves examining the Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Polyethylene Naphthalate (PEN):

Company Analysis: Report covers individual Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electric

and Electronic, Textiles).

Technology Analysis: Report covers specific technologies relevant to Polyethylene Naphthalate (PEN). It assesses the current state, advancements, and potential future developments in Polyethylene Naphthalate (PEN) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Polyethylene Naphthalate (PEN) 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

Polyethylene Naphthalate (PEN) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

PEN Film Grade

PEN Fiber Grade

PEN Resin Grade

Market segment by Application

Electric and Electronic

Textiles

Packaging

Others

Major players covered

DuPont

SKC

Sumitomo Chemical

Polyonics

3M

Kolon Plastics

SASA

Performance Fibers

Toray Industries

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 Polyethylene Naphthalate (PEN) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Polyethylene Naphthalate (PEN), with price, sales, revenue and global market share of Polyethylene Naphthalate (PEN) from 2019 to 2024.

Chapter 3, the Polyethylene Naphthalate (PEN) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN).

Chapter 14 and 15, to describe Polyethylene Naphthalate (PEN) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Polyethylene Naphthalate (PEN)

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Polyethylene Naphthalate (PEN) Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 PEN Film Grade

1.3.3 PEN Fiber Grade

1.3.4 PEN Resin Grade

1.4 Market Analysis by Application

1.4.1 Overview: Global Polyethylene Naphthalate (PEN) Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Electric and Electronic

1.4.3 Textiles

1.4.4 Packaging

1.4.5 Others

1.5 Global Polyethylene Naphthalate (PEN) Market Size & Forecast

1.5.1 Global Polyethylene Naphthalate (PEN) Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Polyethylene Naphthalate (PEN) Sales Quantity (2019-2030)

1.5.3 Global Polyethylene Naphthalate (PEN) Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 DuPont

2.1.1 DuPont Details

2.1.2 DuPont Major Business

2.1.3 DuPont Polyethylene Naphthalate (PEN) Product and Services

2.1.4 DuPont Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 DuPont Recent Developments/Updates

2.2 SKC

2.2.1 SKC Details

2.2.2 SKC Major Business

2.2.3 SKC Polyethylene Naphthalate (PEN) Product and Services

2.2.4 SKC Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.2.5 SKC Recent Developments/Updates

2.3 Sumitomo Chemical

2.3.1 Sumitomo Chemical Details

2.3.2 Sumitomo Chemical Major Business

2.3.3 Sumitomo Chemical Polyethylene Naphthalate (PEN) Product and Services

2.3.4 Sumitomo Chemical Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Sumitomo Chemical Recent Developments/Updates

2.4 Polyonics

2.4.1 Polyonics Details

2.4.2 Polyonics Major Business

2.4.3 Polyonics Polyethylene Naphthalate (PEN) Product and Services

2.4.4 Polyonics Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Polyonics Recent Developments/Updates

2.5 3M

2.5.1 3M Details

2.5.2 3M Major Business

2.5.3 3M Polyethylene Naphthalate (PEN) Product and Services

2.5.4 3M Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 3M Recent Developments/Updates

2.6 Kolon Plastics

2.6.1 Kolon Plastics Details

2.6.2 Kolon Plastics Major Business

2.6.3 Kolon Plastics Polyethylene Naphthalate (PEN) Product and Services

2.6.4 Kolon Plastics Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Kolon Plastics Recent Developments/Updates

2.7 SASA

2.7.1 SASA Details

2.7.2 SASA Major Business

2.7.3 SASA Polyethylene Naphthalate (PEN) Product and Services

2.7.4 SASA Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 SASA Recent Developments/Updates

2.8 Performance Fibers

2.8.1 Performance Fibers Details

- 2.8.2 Performance Fibers Major Business
- 2.8.3 Performance Fibers Polyethylene Naphthalate (PEN) Product and Services
- 2.8.4 Performance Fibers Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Performance Fibers Recent Developments/Updates
- 2.9 Toray Industries
 - 2.9.1 Toray Industries Details
 - 2.9.2 Toray Industries Major Business
 - 2.9.3 Toray Industries Polyethylene Naphthalate (PEN) Product and Services
 - 2.9.4 Toray Industries Polyethylene Naphthalate (PEN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Toray Industries Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: POLYETHYLENE NAPHTHALATE (PEN) BY MANUFACTURER

- 3.1 Global Polyethylene Naphthalate (PEN) Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Polyethylene Naphthalate (PEN) Revenue by Manufacturer (2019-2024)
- 3.3 Global Polyethylene Naphthalate (PEN) Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Polyethylene Naphthalate (PEN) by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Polyethylene Naphthalate (PEN) Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Polyethylene Naphthalate (PEN) Manufacturer Market Share in 2023
- 3.5 Polyethylene Naphthalate (PEN) Market: Overall Company Footprint Analysis
 - 3.5.1 Polyethylene Naphthalate (PEN) Market: Region Footprint
 - 3.5.2 Polyethylene Naphthalate (PEN) Market: Company Product Type Footprint
 - 3.5.3 Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Market Size by Region
 - 4.1.1 Global Polyethylene Naphthalate (PEN) Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Polyethylene Naphthalate (PEN) Consumption Value by Region (2019-2030)

- 4.1.3 Global Polyethylene Naphthalate (PEN) Average Price by Region (2019-2030)
- 4.2 North America Polyethylene Naphthalate (PEN) Consumption Value (2019-2030)
- 4.3 Europe Polyethylene Naphthalate (PEN) Consumption Value (2019-2030)
- 4.4 Asia-Pacific Polyethylene Naphthalate (PEN) Consumption Value (2019-2030)
- 4.5 South America Polyethylene Naphthalate (PEN) Consumption Value (2019-2030)
- 4.6 Middle East and Africa Polyethylene Naphthalate (PEN) Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)
- 5.2 Global Polyethylene Naphthalate (PEN) Consumption Value by Type (2019-2030)
- 5.3 Global Polyethylene Naphthalate (PEN) Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)
- 6.2 Global Polyethylene Naphthalate (PEN) Consumption Value by Application (2019-2030)
- 6.3 Global Polyethylene Naphthalate (PEN) Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)
- 7.2 North America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)
- 7.3 North America Polyethylene Naphthalate (PEN) Market Size by Country
 - 7.3.1 North America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)

8.2 Europe Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)

8.3 Europe Polyethylene Naphthalate (PEN) Market Size by Country

8.3.1 Europe Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2030)

8.3.2 Europe Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Polyethylene Naphthalate (PEN) Market Size by Region

9.3.1 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)

10.2 South America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)

10.3 South America Polyethylene Naphthalate (PEN) Market Size by Country

10.3.1 South America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2030)

10.3.2 South America Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Polyethylene Naphthalate (PEN) Market Size by Country
 - 11.3.1 Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Market Drivers
- 12.2 Polyethylene Naphthalate (PEN) Market Restraints
- 12.3 Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Polyethylene Naphthalate (PEN)
- 13.3 Polyethylene Naphthalate (PEN) Production Process
- 13.4 Polyethylene Naphthalate (PEN) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Polyethylene Naphthalate (PEN) Typical Distributors

14.3 Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Polyethylene Naphthalate (PEN) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. DuPont Basic Information, Manufacturing Base and Competitors

Table 4. DuPont Major Business

Table 5. DuPont Polyethylene Naphthalate (PEN) Product and Services

Table 6. DuPont Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. DuPont Recent Developments/Updates

Table 8. SKC Basic Information, Manufacturing Base and Competitors

Table 9. SKC Major Business

Table 10. SKC Polyethylene Naphthalate (PEN) Product and Services

Table 11. SKC Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. SKC Recent Developments/Updates

Table 13. Sumitomo Chemical Basic Information, Manufacturing Base and Competitors

Table 14. Sumitomo Chemical Major Business

Table 15. Sumitomo Chemical Polyethylene Naphthalate (PEN) Product and Services

Table 16. Sumitomo Chemical Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Sumitomo Chemical Recent Developments/Updates

Table 18. Polyonics Basic Information, Manufacturing Base and Competitors

Table 19. Polyonics Major Business

Table 20. Polyonics Polyethylene Naphthalate (PEN) Product and Services

Table 21. Polyonics Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Polyonics Recent Developments/Updates

Table 23. 3M Basic Information, Manufacturing Base and Competitors

Table 24. 3M Major Business

Table 25. 3M Polyethylene Naphthalate (PEN) Product and Services

Table 26. 3M Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. 3M Recent Developments/Updates

Table 28. Kolon Plastics Basic Information, Manufacturing Base and Competitors

Table 29. Kolon Plastics Major Business

Table 30. Kolon Plastics Polyethylene Naphthalate (PEN) Product and Services

Table 31. Kolon Plastics Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Kolon Plastics Recent Developments/Updates

Table 33. SASA Basic Information, Manufacturing Base and Competitors

Table 34. SASA Major Business

Table 35. SASA Polyethylene Naphthalate (PEN) Product and Services

Table 36. SASA Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. SASA Recent Developments/Updates

Table 38. Performance Fibers Basic Information, Manufacturing Base and Competitors

Table 39. Performance Fibers Major Business

Table 40. Performance Fibers Polyethylene Naphthalate (PEN) Product and Services

Table 41. Performance Fibers Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Performance Fibers Recent Developments/Updates

Table 43. Toray Industries Basic Information, Manufacturing Base and Competitors

Table 44. Toray Industries Major Business

Table 45. Toray Industries Polyethylene Naphthalate (PEN) Product and Services

Table 46. Toray Industries Polyethylene Naphthalate (PEN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Toray Industries Recent Developments/Updates

Table 48. Global Polyethylene Naphthalate (PEN) Sales Quantity by Manufacturer (2019-2024) & (K MT)

Table 49. Global Polyethylene Naphthalate (PEN) Revenue by Manufacturer (2019-2024) & (USD Million)

Table 50. Global Polyethylene Naphthalate (PEN) Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 51. Market Position of Manufacturers in Polyethylene Naphthalate (PEN), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 52. Head Office and Polyethylene Naphthalate (PEN) Production Site of Key Manufacturer

Table 53. Polyethylene Naphthalate (PEN) Market: Company Product Type Footprint

Table 54. Polyethylene Naphthalate (PEN) Market: Company Product Application

Footprint

Table 55. Polyethylene Naphthalate (PEN) New Market Entrants and Barriers to Market Entry

Table 56. Polyethylene Naphthalate (PEN) Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Polyethylene Naphthalate (PEN) Sales Quantity by Region (2019-2024) & (K MT)

Table 58. Global Polyethylene Naphthalate (PEN) Sales Quantity by Region (2025-2030) & (K MT)

Table 59. Global Polyethylene Naphthalate (PEN) Consumption Value by Region (2019-2024) & (USD Million)

Table 60. Global Polyethylene Naphthalate (PEN) Consumption Value by Region (2025-2030) & (USD Million)

Table 61. Global Polyethylene Naphthalate (PEN) Average Price by Region (2019-2024) & (USD/MT)

Table 62. Global Polyethylene Naphthalate (PEN) Average Price by Region (2025-2030) & (USD/MT)

Table 63. Global Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 64. Global Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 65. Global Polyethylene Naphthalate (PEN) Consumption Value by Type (2019-2024) & (USD Million)

Table 66. Global Polyethylene Naphthalate (PEN) Consumption Value by Type (2025-2030) & (USD Million)

Table 67. Global Polyethylene Naphthalate (PEN) Average Price by Type (2019-2024) & (USD/MT)

Table 68. Global Polyethylene Naphthalate (PEN) Average Price by Type (2025-2030) & (USD/MT)

Table 69. Global Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2024) & (K MT)

Table 70. Global Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 71. Global Polyethylene Naphthalate (PEN) Consumption Value by Application (2019-2024) & (USD Million)

Table 72. Global Polyethylene Naphthalate (PEN) Consumption Value by Application (2025-2030) & (USD Million)

Table 73. Global Polyethylene Naphthalate (PEN) Average Price by Application (2019-2024) & (USD/MT)

Table 74. Global Polyethylene Naphthalate (PEN) Average Price by Application (2025-2030) & (USD/MT)

Table 75. North America Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 76. North America Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 77. North America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2024) & (K MT)

Table 78. North America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 79. North America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2024) & (K MT)

Table 80. North America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2025-2030) & (K MT)

Table 81. North America Polyethylene Naphthalate (PEN) Consumption Value by Country (2019-2024) & (USD Million)

Table 82. North America Polyethylene Naphthalate (PEN) Consumption Value by Country (2025-2030) & (USD Million)

Table 83. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 84. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 85. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2024) & (K MT)

Table 86. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 87. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2024) & (K MT)

Table 88. Europe Polyethylene Naphthalate (PEN) Sales Quantity by Country (2025-2030) & (K MT)

Table 89. Europe Polyethylene Naphthalate (PEN) Consumption Value by Country (2019-2024) & (USD Million)

Table 90. Europe Polyethylene Naphthalate (PEN) Consumption Value by Country (2025-2030) & (USD Million)

Table 91. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 92. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 93. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Application

(2019-2024) & (K MT)

Table 94. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 95. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Region (2019-2024) & (K MT)

Table 96. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity by Region (2025-2030) & (K MT)

Table 97. Asia-Pacific Polyethylene Naphthalate (PEN) Consumption Value by Region (2019-2024) & (USD Million)

Table 98. Asia-Pacific Polyethylene Naphthalate (PEN) Consumption Value by Region (2025-2030) & (USD Million)

Table 99. South America Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 100. South America Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 101. South America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2024) & (K MT)

Table 102. South America Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 103. South America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2019-2024) & (K MT)

Table 104. South America Polyethylene Naphthalate (PEN) Sales Quantity by Country (2025-2030) & (K MT)

Table 105. South America Polyethylene Naphthalate (PEN) Consumption Value by Country (2019-2024) & (USD Million)

Table 106. South America Polyethylene Naphthalate (PEN) Consumption Value by Country (2025-2030) & (USD Million)

Table 107. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Type (2019-2024) & (K MT)

Table 108. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Type (2025-2030) & (K MT)

Table 109. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Application (2019-2024) & (K MT)

Table 110. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Application (2025-2030) & (K MT)

Table 111. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Region (2019-2024) & (K MT)

Table 112. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity by Region (2025-2030) & (K MT)

Table 113. Middle East & Africa Polyethylene Naphthalate (PEN) Consumption Value by Region (2019-2024) & (USD Million)

Table 114. Middle East & Africa Polyethylene Naphthalate (PEN) Consumption Value by Region (2025-2030) & (USD Million)

Table 115. Polyethylene Naphthalate (PEN) Raw Material

Table 116. Key Manufacturers of Polyethylene Naphthalate (PEN) Raw Materials

Table 117. Polyethylene Naphthalate (PEN) Typical Distributors

Table 118. Polyethylene Naphthalate (PEN) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Polyethylene Naphthalate (PEN) Picture
- Figure 2. Global Polyethylene Naphthalate (PEN) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Type in 2023
- Figure 4. PEN Film Grade Examples
- Figure 5. PEN Fiber Grade Examples
- Figure 6. PEN Resin Grade Examples
- Figure 7. Global Polyethylene Naphthalate (PEN) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Application in 2023
- Figure 9. Electric and Electronic Examples
- Figure 10. Textiles Examples
- Figure 11. Packaging Examples
- Figure 12. Others Examples
- Figure 13. Global Polyethylene Naphthalate (PEN) Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 14. Global Polyethylene Naphthalate (PEN) Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 15. Global Polyethylene Naphthalate (PEN) Sales Quantity (2019-2030) & (K MT)
- Figure 16. Global Polyethylene Naphthalate (PEN) Average Price (2019-2030) & (USD/MT)
- Figure 17. Global Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Manufacturer in 2023
- Figure 18. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Manufacturer in 2023
- Figure 19. Producer Shipments of Polyethylene Naphthalate (PEN) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 20. Top 3 Polyethylene Naphthalate (PEN) Manufacturer (Consumption Value) Market Share in 2023
- Figure 21. Top 6 Polyethylene Naphthalate (PEN) Manufacturer (Consumption Value) Market Share in 2023
- Figure 22. Global Polyethylene Naphthalate (PEN) Sales Quantity Market Share by

Region (2019-2030)

Figure 23. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Region (2019-2030)

Figure 24. North America Polyethylene Naphthalate (PEN) Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Polyethylene Naphthalate (PEN) Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Polyethylene Naphthalate (PEN) Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Polyethylene Naphthalate (PEN) Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Polyethylene Naphthalate (PEN) Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Polyethylene Naphthalate (PEN) Average Price by Type (2019-2030) & (USD/MT)

Figure 32. Global Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Polyethylene Naphthalate (PEN) Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Polyethylene Naphthalate (PEN) Average Price by Application (2019-2030) & (USD/MT)

Figure 35. North America Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Polyethylene Naphthalate (PEN) Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Polyethylene Naphthalate (PEN) Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Polyethylene Naphthalate (PEN) Consumption Value Market Share by Region (2019-2030)

Figure 55. China Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Polyethylene Naphthalate (PEN) Sales Quantity Market

Share by Type (2019-2030)

Figure 62. South America Polyethylene Naphthalate (PEN) Sales Quantity Market

Share by Application (2019-2030)

Figure 63. South America Polyethylene Naphthalate (PEN) Sales Quantity Market

Share by Country (2019-2030)

Figure 64. South America Polyethylene Naphthalate (PEN) Consumption Value Market

Share by Country (2019-2030)

Figure 65. Brazil Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Polyethylene Naphthalate (PEN) Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Polyethylene Naphthalate (PEN) Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Polyethylene Naphthalate (PEN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Polyethylene Naphthalate (PEN) Market Drivers

Figure 76. Polyethylene Naphthalate (PEN) Market Restraints

Figure 77. Polyethylene Naphthalate (PEN) Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Polyethylene Naphthalate (PEN) in 2023

Figure 80. Manufacturing Process Analysis of Polyethylene Naphthalate (PEN)

Figure 81. Polyethylene Naphthalate (PEN) 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 Polyethylene Naphthalate (PEN) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GB1AE2FE660EN.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

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB1AE2FE660EN.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

