

# Global Polyethylene Naphthalate (PEN) Market Size, Manufacturers, Opportunities and Forecast to 2030

https://marketpublishers.com/r/G9251F526D74EN.html

Date: April 2024

Pages: 90

Price: US\$ 3,450.00 (Single User License)

ID: G9251F526D74EN

## **Abstracts**

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.

According to APO Research, The global Polyethylene Naphthalate (PEN) market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

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.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Polyethylene Naphthalate (PEN), with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Polyethylene Naphthalate (PEN).

The Polyethylene Naphthalate (PEN) market size, estimations, and forecasts are provided in terms of sales volume (K MT) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Polyethylene Naphthalate (PEN) market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides



profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

DuPont
SKC
Sumitomo Chemical
Polyonics
3M
Kolon Plastics
SASA
Performance Fibers
Toray Industries

Polyethylene Naphthalate (PEN) segment by Type

PEN Film Grade



PEN Fiber Grade	
PEN Resin Grade	
Polyethylene Naphthalate (PEN) segment by Application	
Electric and Electronic	
Textiles	
Packaging	
Others	
Polyethylene Naphthalate (PEN) Segment by Region	
North America	
U.S.	
Canada	
Europe	
Germany	
France	
U.K.	
Italy	
Russia	
Asia-Pacific	



China
Japan
South Korea
India
Australia
China Taiwan
Indonesia
Thailand
Malaysia
Latin America
Mexico
Brazil
Argentina
Middle East & Africa
Turkey
Saudi Arabia
UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes



restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

- 1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Polyethylene Naphthalate (PEN) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
- 2. This report will help stakeholders to understand the global industry status and trends of Polyethylene Naphthalate (PEN) and provides them with information on key market drivers, restraints, challenges, and opportunities.
- 3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
- 4. This report stays updated with novel technology integration, features, and the latest developments in the market
- 5. This report helps stakeholders to gain insights into which regions to target globally
- 6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Polyethylene Naphthalate (PEN).
- 7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin.



America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, 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 3: Detailed analysis of Polyethylene Naphthalate (PEN) manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Polyethylene Naphthalate (PEN) in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.



## **Contents**

#### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
- 1.2.1 Global Polyethylene Naphthalate (PEN) Market Size Estimates and Forecasts (2019-2030)
- 1.2.2 Global Polyethylene Naphthalate (PEN) Sales Estimates and Forecasts (2019-2030)
- 1.3 Polyethylene Naphthalate (PEN) Market by Type
  - 1.3.1 PEN Film Grade
  - 1.3.2 PEN Fiber Grade
- 1.3.3 PEN Resin Grade
- 1.4 Global Polyethylene Naphthalate (PEN) Market Size by Type
- 1.4.1 Global Polyethylene Naphthalate (PEN) Market Size Overview by Type (2019-2030)
- 1.4.2 Global Polyethylene Naphthalate (PEN) Historic Market Size Review by Type (2019-2024)
- 1.4.3 Global Polyethylene Naphthalate (PEN) Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
- 1.5.1 North America Polyethylene Naphthalate (PEN) Sales Breakdown by Type (2019-2024)
  - 1.5.2 Europe Polyethylene Naphthalate (PEN) Sales Breakdown by Type (2019-2024)
- 1.5.3 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Breakdown by Type (2019-2024)
- 1.5.4 Latin America Polyethylene Naphthalate (PEN) Sales Breakdown by Type (2019-2024)
- 1.5.5 Middle East and Africa Polyethylene Naphthalate (PEN) Sales Breakdown by Type (2019-2024)

## **2 GLOBAL MARKET DYNAMICS**

- 2.1 Polyethylene Naphthalate (PEN) Industry Trends
- 2.2 Polyethylene Naphthalate (PEN) Industry Drivers
- 2.3 Polyethylene Naphthalate (PEN) Industry Opportunities and Challenges
- 2.4 Polyethylene Naphthalate (PEN) Industry Restraints



#### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Polyethylene Naphthalate (PEN) Revenue (2019-2024)
- 3.2 Global Top Players by Polyethylene Naphthalate (PEN) Sales (2019-2024)
- 3.3 Global Top Players by Polyethylene Naphthalate (PEN) Price (2019-2024)
- 3.4 Global Polyethylene Naphthalate (PEN) Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Polyethylene Naphthalate (PEN) Key Company Manufacturing Sites & Headquarters
- 3.6 Global Polyethylene Naphthalate (PEN) Company, Product Type & Application
- 3.7 Global Polyethylene Naphthalate (PEN) Company Commercialization Time
- 3.8 Market Competitive Analysis
  - 3.8.1 Global Polyethylene Naphthalate (PEN) Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 Polyethylene Naphthalate (PEN) Players Market Share by Revenue in 2023
  - 3.8.3 2023 Polyethylene Naphthalate (PEN) Tier 1, Tier 2, and Tier

# 4 POLYETHYLENE NAPHTHALATE (PEN) REGIONAL STATUS AND OUTLOOK

- 4.1 Global Polyethylene Naphthalate (PEN) Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global Polyethylene Naphthalate (PEN) Historic Market Size by Region
  - 4.2.1 Global Polyethylene Naphthalate (PEN) Sales in Volume by Region (2019-2024)
- 4.2.2 Global Polyethylene Naphthalate (PEN) Sales in Value by Region (2019-2024)
- 4.2.3 Global Polyethylene Naphthalate (PEN) Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global Polyethylene Naphthalate (PEN) Forecasted Market Size by Region
  - 4.3.1 Global Polyethylene Naphthalate (PEN) Sales in Volume by Region (2025-2030)
  - 4.3.2 Global Polyethylene Naphthalate (PEN) Sales in Value by Region (2025-2030)
- 4.3.3 Global Polyethylene Naphthalate (PEN) Sales (Volume & Value), Price and Gross Margin (2025-2030)

## 5 POLYETHYLENE NAPHTHALATE (PEN) BY APPLICATION

- 5.1 Polyethylene Naphthalate (PEN) Market by Application
  - 5.1.1 Electric and Electronic
  - 5.1.2 Textiles
  - 5.1.3 Packaging
  - 5.1.4 Others



- 5.2 Global Polyethylene Naphthalate (PEN) Market Size by Application
- 5.2.1 Global Polyethylene Naphthalate (PEN) Market Size Overview by Application (2019-2030)
- 5.2.2 Global Polyethylene Naphthalate (PEN) Historic Market Size Review by Application (2019-2024)
- 5.2.3 Global Polyethylene Naphthalate (PEN) Forecasted Market Size by Application (2025-2030)
- 5.3 Key Regions Market Size by Application
- 5.3.1 North America Polyethylene Naphthalate (PEN) Sales Breakdown by Application (2019-2024)
- 5.3.2 Europe Polyethylene Naphthalate (PEN) Sales Breakdown by Application (2019-2024)
- 5.3.3 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Breakdown by Application (2019-2024)
- 5.3.4 Latin America Polyethylene Naphthalate (PEN) Sales Breakdown by Application (2019-2024)
- 5.3.5 Middle East and Africa Polyethylene Naphthalate (PEN) Sales Breakdown by Application (2019-2024)

## **6 COMPANY PROFILES**

- 6.1 DuPont
  - 6.1.1 DuPont Comapny Information
  - 6.1.2 DuPont Business Overview
- 6.1.3 DuPont Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
- 6.1.4 DuPont Polyethylene Naphthalate (PEN) Product Portfolio
- 6.1.5 DuPont Recent Developments
- 6.2 SKC
  - 6.2.1 SKC Comapny Information
  - 6.2.2 SKC Business Overview
- 6.2.3 SKC Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
- 6.2.4 SKC Polyethylene Naphthalate (PEN) Product Portfolio
- 6.2.5 SKC Recent Developments
- 6.3 Sumitomo Chemical
  - 6.3.1 Sumitomo Chemical Comapny Information
  - 6.3.2 Sumitomo Chemical Business Overview
  - 6.3.3 Sumitomo Chemical Polyethylene Naphthalate (PEN) Sales, Revenue and Gross



## Margin (2019-2024)

- 6.3.4 Sumitomo Chemical Polyethylene Naphthalate (PEN) Product Portfolio
- 6.3.5 Sumitomo Chemical Recent Developments
- 6.4 Polyonics
  - 6.4.1 Polyonics Comapny Information
  - 6.4.2 Polyonics Business Overview
- 6.4.3 Polyonics Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
- 6.4.4 Polyonics Polyethylene Naphthalate (PEN) Product Portfolio
- 6.4.5 Polyonics Recent Developments
- 6.5 3M
  - 6.5.1 3M Comapny Information
  - 6.5.2 3M Business Overview
- 6.5.3 3M Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
- 6.5.4 3M Polyethylene Naphthalate (PEN) Product Portfolio
- 6.5.5 3M Recent Developments
- 6.6 Kolon Plastics
  - 6.6.1 Kolon Plastics Comapny Information
  - 6.6.2 Kolon Plastics Business Overview
- 6.6.3 Kolon Plastics Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
  - 6.6.4 Kolon Plastics Polyethylene Naphthalate (PEN) Product Portfolio
  - 6.6.5 Kolon Plastics Recent Developments
- 6.7 SASA
  - 6.7.1 SASA Comapny Information
  - 6.7.2 SASA Business Overview
- 6.7.3 SASA Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
  - 6.7.4 SASA Polyethylene Naphthalate (PEN) Product Portfolio
  - 6.7.5 SASA Recent Developments
- 6.8 Performance Fibers
  - 6.8.1 Performance Fibers Comapny Information
  - 6.8.2 Performance Fibers Business Overview
- 6.8.3 Performance Fibers Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
  - 6.8.4 Performance Fibers Polyethylene Naphthalate (PEN) Product Portfolio
  - 6.8.5 Performance Fibers Recent Developments
- 6.9 Toray Industries



- 6.9.1 Toray Industries Comapny Information
- 6.9.2 Toray Industries Business Overview
- 6.9.3 Toray Industries Polyethylene Naphthalate (PEN) Sales, Revenue and Gross Margin (2019-2024)
  - 6.9.4 Toray Industries Polyethylene Naphthalate (PEN) Product Portfolio
- 6.9.5 Toray Industries Recent Developments

## 7 NORTH AMERICA BY COUNTRY

- 7.1 North America Polyethylene Naphthalate (PEN) Sales by Country
- 7.1.1 North America Polyethylene Naphthalate (PEN) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 7.1.2 North America Polyethylene Naphthalate (PEN) Sales by Country (2019-2024)
- 7.1.3 North America Polyethylene Naphthalate (PEN) Sales Forecast by Country (2025-2030)
- 7.2 North America Polyethylene Naphthalate (PEN) Market Size by Country
- 7.2.1 North America Polyethylene Naphthalate (PEN) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 7.2.2 North America Polyethylene Naphthalate (PEN) Market Size by Country (2019-2024)
- 7.2.3 North America Polyethylene Naphthalate (PEN) Market Size Forecast by Country (2025-2030)

## **8 EUROPE BY COUNTRY**

- 8.1 Europe Polyethylene Naphthalate (PEN) Sales by Country
- 8.1.1 Europe Polyethylene Naphthalate (PEN) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 8.1.2 Europe Polyethylene Naphthalate (PEN) Sales by Country (2019-2024)
  - 8.1.3 Europe Polyethylene Naphthalate (PEN) Sales Forecast by Country (2025-2030)
- 8.2 Europe Polyethylene Naphthalate (PEN) Market Size by Country
- 8.2.1 Europe Polyethylene Naphthalate (PEN) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 8.2.2 Europe Polyethylene Naphthalate (PEN) Market Size by Country (2019-2024)
- 8.2.3 Europe Polyethylene Naphthalate (PEN) Market Size Forecast by Country (2025-2030)

## 9 ASIA-PACIFIC BY COUNTRY



- 9.1 Asia-Pacific Polyethylene Naphthalate (PEN) Sales by Country
- 9.1.1 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 9.1.2 Asia-Pacific Polyethylene Naphthalate (PEN) Sales by Country (2019-2024)
- 9.1.3 Asia-Pacific Polyethylene Naphthalate (PEN) Sales Forecast by Country (2025-2030)
- 9.2 Asia-Pacific Polyethylene Naphthalate (PEN) Market Size by Country
- 9.2.1 Asia-Pacific Polyethylene Naphthalate (PEN) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 9.2.2 Asia-Pacific Polyethylene Naphthalate (PEN) Market Size by Country (2019-2024)
- 9.2.3 Asia-Pacific Polyethylene Naphthalate (PEN) Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA BY COUNTRY**

- 10.1 Latin America Polyethylene Naphthalate (PEN) Sales by Country
- 10.1.1 Latin America Polyethylene Naphthalate (PEN) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 10.1.2 Latin America Polyethylene Naphthalate (PEN) Sales by Country (2019-2024)
- 10.1.3 Latin America Polyethylene Naphthalate (PEN) Sales Forecast by Country (2025-2030)
- 10.2 Latin America Polyethylene Naphthalate (PEN) Market Size by Country
- 10.2.1 Latin America Polyethylene Naphthalate (PEN) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 10.2.2 Latin America Polyethylene Naphthalate (PEN) Market Size by Country (2019-2024)
- 10.2.3 Latin America Polyethylene Naphthalate (PEN) Market Size Forecast by Country (2025-2030)

#### 11 MIDDLE EAST AND AFRICA BY COUNTRY

- 11.1 Middle East and Africa Polyethylene Naphthalate (PEN) Sales by Country
- 11.1.1 Middle East and Africa Polyethylene Naphthalate (PEN) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 11.1.2 Middle East and Africa Polyethylene Naphthalate (PEN) Sales by Country (2019-2024)
- 11.1.3 Middle East and Africa Polyethylene Naphthalate (PEN) Sales Forecast by Country (2025-2030)



- 11.2 Middle East and Africa Polyethylene Naphthalate (PEN) Market Size by Country
- 11.2.1 Middle East and Africa Polyethylene Naphthalate (PEN) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
- 11.2.2 Middle East and Africa Polyethylene Naphthalate (PEN) Market Size by Country (2019-2024)
- 11.2.3 Middle East and Africa Polyethylene Naphthalate (PEN) Market Size Forecast by Country (2025-2030)

#### 12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 12.1 Polyethylene Naphthalate (PEN) Value Chain Analysis
  - 12.1.1 Polyethylene Naphthalate (PEN) Key Raw Materials
  - 12.1.2 Key Raw Materials Price
  - 12.1.3 Raw Materials Key Suppliers
  - 12.1.4 Manufacturing Cost Structure
- 12.1.5 Polyethylene Naphthalate (PEN) Production Mode & Process
- 12.2 Polyethylene Naphthalate (PEN) Sales Channels Analysis
  - 12.2.1 Direct Comparison with Distribution Share
  - 12.2.2 Polyethylene Naphthalate (PEN) Distributors
  - 12.2.3 Polyethylene Naphthalate (PEN) Customers

## 13 CONCLUDING INSIGHTS

#### 14 APPENDIX

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer



## I would like to order

Product name: Global Polyethylene Naphthalate (PEN) Market Size, Manufacturers, Opportunities and

Forecast to 2030

Product link: https://marketpublishers.com/r/G9251F526D74EN.html

Price: US\$ 3,450.00 (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 <a href="https://marketpublishers.com/r/G9251F526D74EN.html">https://marketpublishers.com/r/G9251F526D74EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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

