

Global Polyacrylonitrile (PAN) Sales Market Report 2018

<https://marketpublishers.com/r/G41E9AF4AD6EN.html>

Date: June 2018

Pages: 115

Price: US\$ 4,000.00 (Single User License)

ID: G41E9AF4AD6EN

Abstracts

This report studies the global Polyacrylonitrile (PAN) market status and forecast, categorizes the global Polyacrylonitrile (PAN) market size (value & volume) by key players, type, application, and region.

This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

Polyacrylonitrile is a semicrystalline synthetic polymer resin (acrylic resin). Commonly abbreviated as PAN, Polyacrylonitrile's empirical formula is $(C_3H_3N)_n$. It is a hard rigid thermoplastic material that is resistant to most solvents and chemicals, slow to burn and has low permeability to gases. Polyacrylonitrile can also be carbonized for battery applications.

There are many Polyacrylonitrile manufactures in the world, global Polyacrylonitrile production will reach about 3000K MT in 2016 from 2700K MT in 2011. The average growth is about 4.6% from 2011 to 2016. Polyacrylonitrile production main focus on China, Europe, Japan and USA Polyacrylonitrile production took about 90%, China Polyacrylonitrile production took about 40% of total market in 2015.

Global demand of Polyacrylonitrile has maintained steady growth, the growth rate is around 4.6%, and similar to production growth. Polyacrylonitrile major type is Acrylic Staple Fiber, Acrylic Tow and Acrylic Top. Downstream applications field include Filtration, Textiles, Precursors to carbon fiber, Outdoor and Fiber-reinforced concrete, these industries development rapidly, this industries demand for fastener and shaped pieces are constantly increasing, indirectly stimulating the market demand of Polyacrylonitrile, and stimulate the development of Polyacrylonitrile industry.

As Chinese overall economic downward trend in the past few years, and international economic situation is complicated, in the next few years there will be many uncertainties, and coupled with PAN industry in short supply on the market in the past

few years, more and more companies enter into PAN industry, the current demand for PAN product is relatively low, lack of demand, excess supply. Ordinary PAN products on the market do not sell well, PAN's price is lower than past years. The signal of market price change indicates the trend in the PAN industry, low-end product has excess capacity, high-end product is in short supply.

Despite the presence of competition problems, the global recovery trend is clear, Polyacrylonitrile retains its advantage in fastener and shaped pieces produce, investors are still optimistic about this area; the future will still have more new investment enter the field. Although sales of Polyacrylonitrile brought a lot of opportunity, the study group recommends the new entrants just having money but without technical advantage and downstream support do not to enter into the Polyacrylonitrile field.

The global Polyacrylonitrile (PAN) market is valued at 7940 million US\$ in 2017 and will reach 7690 million US\$ by the end of 2025, growing at a CAGR of -0.4% during 2018-2025.

The major players covered in this report

DOLAN GmbH

MemPro

AKSA

Montefibre

Dralon

Formosa Plastics

Unichem

Toray

Taekwangsf

TOYOBO

Mitsubishi Rayon Group

TAF

Pasupati Acrylon

Fisipe

Polimir

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering

United States

Europe

China

Japan

Southeast Asia

India

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Acrylic Staple Fiber

Acrylic Tow

Acrylic Top

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Filtration

Textiles

Precursors to carbon fiber

Outdoor

Fiber-reinforced concrete

The study objectives of this report are:

To analyze and study the global Polyacrylonitrile (PAN) sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Polyacrylonitrile (PAN) players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Polyacrylonitrile (PAN) are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders

Polyacrylonitrile (PAN) Manufacturers

Polyacrylonitrile (PAN) Distributors/Traders/Wholesalers

Polyacrylonitrile (PAN) Subcomponent Manufacturers

Industry Association

Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Polyacrylonitrile (PAN) market, by end-use.

Detailed analysis and profiles of additional market players.

Contents

Global Polyacrylonitrile (PAN) Sales Market Report 2018

1 POLYACRYLONITRILE (PAN) MARKET OVERVIEW

1.1 Product Overview and Scope of Polyacrylonitrile (PAN)

1.2 Classification of Polyacrylonitrile (PAN) by Product Category

1.2.1 Global Polyacrylonitrile (PAN) Market Size (Sales) Comparison by Type (2013-2025)

1.2.2 Global Polyacrylonitrile (PAN) Market Size (Sales) Market Share by Type (Product Category) in 2017

1.2.3 Acrylic Staple Fiber

1.2.4 Acrylic Tow

1.2.5 Acrylic Top

1.3 Global Polyacrylonitrile (PAN) Market by Application/End Users

1.3.1 Global Polyacrylonitrile (PAN) Sales (Volume) and Market Share Comparison by Application (2013-2025)

1.3.1 Filtration

1.3.2 Textiles

1.3.3 Precursors to carbon fiber

1.3.4 Outdoor

1.3.5 Fiber-reinforced concrete

1.4 Global Polyacrylonitrile (PAN) Market by Region

1.4.1 Global Polyacrylonitrile (PAN) Market Size (Value) Comparison by Region (2013-2025)

1.4.2 United States Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.4.3 Europe Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.4.4 China Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.4.5 Japan Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.4.6 Southeast Asia Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.4.7 India Polyacrylonitrile (PAN) Status and Prospect (2013-2025)

1.5 Global Market Size (Value and Volume) of Polyacrylonitrile (PAN) (2013-2025)

1.5.1 Global Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2025)

1.5.2 Global Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2025)

2 GLOBAL POLYACRYLONITRILE (PAN) COMPETITION BY PLAYERS/SUPPLIERS, TYPE AND APPLICATION

- 2.1 Global Polyacrylonitrile (PAN) Market Competition by Players/Suppliers
 - 2.1.1 Global Polyacrylonitrile (PAN) Sales and Market Share of Key Players/Suppliers (2013-2018)
 - 2.1.2 Global Polyacrylonitrile (PAN) Revenue and Share by Players/Suppliers (2013-2018)
- 2.2 Global Polyacrylonitrile (PAN) (Volume and Value) by Type
 - 2.2.1 Global Polyacrylonitrile (PAN) Sales and Market Share by Type (2013-2018)
 - 2.2.2 Global Polyacrylonitrile (PAN) Revenue and Market Share by Type (2013-2018)
- 2.3 Global Polyacrylonitrile (PAN) (Volume and Value) by Region
 - 2.3.1 Global Polyacrylonitrile (PAN) Sales and Market Share by Region (2013-2018)
 - 2.3.2 Global Polyacrylonitrile (PAN) Revenue and Market Share by Region (2013-2018)
- 2.4 Global Polyacrylonitrile (PAN) (Volume) by Application

3 UNITED STATES POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

- 3.1 United States Polyacrylonitrile (PAN) Sales and Value (2013-2018)
 - 3.1.1 United States Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)
 - 3.1.2 United States Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)
 - 3.1.3 United States Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)
- 3.2 United States Polyacrylonitrile (PAN) Sales Volume and Market Share by Players (2013-2018)
- 3.3 United States Polyacrylonitrile (PAN) Sales Volume and Market Share by Type (2013-2018)
- 3.4 United States Polyacrylonitrile (PAN) Sales Volume and Market Share by Application (2013-2018)

4 EUROPE POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

- 4.1 Europe Polyacrylonitrile (PAN) Sales and Value (2013-2018)
 - 4.1.1 Europe Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)
 - 4.1.2 Europe Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)
 - 4.1.3 Europe Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)
- 4.2 Europe Polyacrylonitrile (PAN) Sales Volume and Market Share by Players (2013-2018)
- 4.3 Europe Polyacrylonitrile (PAN) Sales Volume and Market Share by Type (2013-2018)
- 4.4 Europe Polyacrylonitrile (PAN) Sales Volume and Market Share by Application

(2013-2018)

5 CHINA POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

5.1 China Polyacrylonitrile (PAN) Sales and Value (2013-2018)

5.1.1 China Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)

5.1.2 China Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)

5.1.3 China Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)

5.2 China Polyacrylonitrile (PAN) Sales Volume and Market Share by Players
(2013-2018)

5.3 China Polyacrylonitrile (PAN) Sales Volume and Market Share by Type (2013-2018)

5.4 China Polyacrylonitrile (PAN) Sales Volume and Market Share by Application
(2013-2018)

6 JAPAN POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

6.1 Japan Polyacrylonitrile (PAN) Sales and Value (2013-2018)

6.1.1 Japan Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)

6.1.2 Japan Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)

6.1.3 Japan Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)

6.2 Japan Polyacrylonitrile (PAN) Sales Volume and Market Share by Players
(2013-2018)

6.3 Japan Polyacrylonitrile (PAN) Sales Volume and Market Share by Type (2013-2018)

6.4 Japan Polyacrylonitrile (PAN) Sales Volume and Market Share by Application
(2013-2018)

7 SOUTHEAST ASIA POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

7.1 Southeast Asia Polyacrylonitrile (PAN) Sales and Value (2013-2018)

7.1.1 Southeast Asia Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)

7.1.2 Southeast Asia Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)

7.1.3 Southeast Asia Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)

7.2 Southeast Asia Polyacrylonitrile (PAN) Sales Volume and Market Share by Players
(2013-2018)

7.3 Southeast Asia Polyacrylonitrile (PAN) Sales Volume and Market Share by Type
(2013-2018)

7.4 Southeast Asia Polyacrylonitrile (PAN) Sales Volume and Market Share by
Application (2013-2018)

8 INDIA POLYACRYLONITRILE (PAN) (VOLUME, VALUE AND SALES PRICE)

8.1 India Polyacrylonitrile (PAN) Sales and Value (2013-2018)

8.1.1 India Polyacrylonitrile (PAN) Sales and Growth Rate (2013-2018)

8.1.2 India Polyacrylonitrile (PAN) Revenue and Growth Rate (2013-2018)

8.1.3 India Polyacrylonitrile (PAN) Sales Price Trend (2013-2018)

8.2 India Polyacrylonitrile (PAN) Sales Volume and Market Share by Players (2013-2018)

8.3 India Polyacrylonitrile (PAN) Sales Volume and Market Share by Type (2013-2018)

8.4 India Polyacrylonitrile (PAN) Sales Volume and Market Share by Application (2013-2018)

9 GLOBAL POLYACRYLONITRILE (PAN) PLAYERS/SUPPLIERS PROFILES AND SALES DATA

9.1 DOLAN GmbH

9.1.1 Company Basic Information, Manufacturing Base and Competitors

9.1.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 DOLAN GmbH Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

9.2 MemPro

9.2.1 Company Basic Information, Manufacturing Base and Competitors

9.2.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.2.2.1 Product A

9.2.2.2 Product B

9.2.3 MemPro Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.2.4 Main Business/Business Overview

9.3 AKSA

9.3.1 Company Basic Information, Manufacturing Base and Competitors

9.3.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.3.2.1 Product A

9.3.2.2 Product B

9.3.3 AKSA Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.3.4 Main Business/Business Overview

9.4 Montefibre

9.4.1 Company Basic Information, Manufacturing Base and Competitors

9.4.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.4.2.1 Product A

9.4.2.2 Product B

9.4.3 Montefibre Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.4.4 Main Business/Business Overview

9.5 Dralon

9.5.1 Company Basic Information, Manufacturing Base and Competitors

9.5.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.5.2.1 Product A

9.5.2.2 Product B

9.5.3 Dralon Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.5.4 Main Business/Business Overview

9.6 Formosa Plastics

9.6.1 Company Basic Information, Manufacturing Base and Competitors

9.6.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.6.2.1 Product A

9.6.2.2 Product B

9.6.3 Formosa Plastics Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.6.4 Main Business/Business Overview

9.7 Unichem

9.7.1 Company Basic Information, Manufacturing Base and Competitors

9.7.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.7.2.1 Product A

9.7.2.2 Product B

9.7.3 Unichem Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin (2013-2018)

9.7.4 Main Business/Business Overview

9.8 Toray

9.8.1 Company Basic Information, Manufacturing Base and Competitors

9.8.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.8.2.1 Product A

9.8.2.2 Product B

9.8.3 Toray Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin

(2013-2018)

9.8.4 Main Business/Business Overview

9.9 Taekwangsf

9.9.1 Company Basic Information, Manufacturing Base and Competitors

9.9.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.9.2.1 Product A

9.9.2.2 Product B

9.9.3 Taekwangsf Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin

(2013-2018)

9.9.4 Main Business/Business Overview

9.10 TOYOBO

9.10.1 Company Basic Information, Manufacturing Base and Competitors

9.10.2 Polyacrylonitrile (PAN) Product Category, Application and Specification

9.10.2.1 Product A

9.10.2.2 Product B

9.10.3 TOYOBO Polyacrylonitrile (PAN) Sales, Revenue, Price and Gross Margin

(2013-2018)

9.10.4 Main Business/Business Overview

9.11 Mitsubishi Rayon Group

9.12 TAF

9.13 Pasupati Acrylon

9.14 Fisipe

9.15 Polimir

10 POLYACRYLONITRILE (PAN) MAUFACTURING COST ANALYSIS

10.1 Polyacrylonitrile (PAN) Key Raw Materials Analysis

10.1.1 Key Raw Materials

10.1.2 Price Trend of Key Raw Materials

10.1.3 Key Suppliers of Raw Materials

10.1.4 Market Concentration Rate of Raw Materials

10.2 Proportion of Manufacturing Cost Structure

10.2.1 Raw Materials

10.2.2 Labor Cost

10.2.3 Manufacturing Process Analysis of Polyacrylonitrile (PAN)

10.3 Manufacturing Process Analysis of Polyacrylonitrile (PAN)

11 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 11.1 Polyacrylonitrile (PAN) Industrial Chain Analysis
- 11.2 Upstream Raw Materials Sourcing
- 11.3 Raw Materials Sources of Polyacrylonitrile (PAN) Major Manufacturers in 2017
- 11.4 Downstream Buyers

12 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 12.1 Marketing Channel
 - 12.1.1 Direct Marketing
 - 12.1.2 Indirect Marketing
 - 12.1.3 Marketing Channel Development Trend
- 12.2 Market Positioning
 - 12.2.1 Pricing Strategy
 - 12.2.2 Brand Strategy
 - 12.2.3 Target Client
- 12.3 Distributors/Traders List

13 MARKET EFFECT FACTORS ANALYSIS

- 13.1 Technology Progress/Risk
 - 13.1.1 Substitutes Threat
 - 13.1.2 Technology Progress in Related Industry
- 13.2 Consumer Needs/Customer Preference Change
- 13.3 Economic/Political Environmental Change

14 GLOBAL POLYACRYLONITRILE (PAN) MARKET FORECAST (2018-2025)

- 14.1 Global Polyacrylonitrile (PAN) Sales Volume, Revenue and Price Forecast (2018-2025)
 - 14.1.1 Global Polyacrylonitrile (PAN) Sales Volume and Growth Rate Forecast (2018-2025)
 - 14.1.2 Global Polyacrylonitrile (PAN) Revenue and Growth Rate Forecast (2018-2025)
 - 14.1.3 Global Polyacrylonitrile (PAN) Price and Trend Forecast (2018-2025)
- 14.2 Global Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast by Region (2018-2025)
 - 14.2.1 Global Polyacrylonitrile (PAN) Sales Volume and Growth Rate Forecast by Regions (2018-2025)
 - 14.2.2 Global Polyacrylonitrile (PAN) Revenue and Growth Rate Forecast by Regions (2018-2025)

14.2.3 United States Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.4 Europe Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.5 China Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.6 Japan Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.7 Southeast Asia Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.8 India Polyacrylonitrile (PAN) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.3 Global Polyacrylonitrile (PAN) Sales Volume, Revenue and Price Forecast by Type (2018-2025)

14.3.1 Global Polyacrylonitrile (PAN) Sales Forecast by Type (2018-2025)

14.3.2 Global Polyacrylonitrile (PAN) Revenue Forecast by Type (2018-2025)

14.3.3 Global Polyacrylonitrile (PAN) Price Forecast by Type (2018-2025)

14.4 Global Polyacrylonitrile (PAN) Sales Volume Forecast by Application (2018-2025)

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology/Research Approach

16.1.1 Research Programs/Design

16.1.2 Market Size Estimation

16.1.3 Market Breakdown and Data Triangulation

16.2 Data Source

16.2.1 Secondary Sources

16.2.2 Primary Sources

16.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Polyacrylonitrile (PAN)

Figure Global Polyacrylonitrile (PAN) Sales Volume Comparison (K MT) by Type (2013-2025)

Figure Global Polyacrylonitrile (PAN) Sales Volume Market Share by Type (Product Category) in 2017

Figure Acrylic Staple Fiber Product Picture

Figure Acrylic Tow Product Picture

Figure Acrylic Top Product Picture

Figure Global Polyacrylonitrile (PAN) Sales Comparison (K MT) by Application (2013-2025)

Figure Global Sales Market Share of Polyacrylonitrile (PAN) by Application in 2017

Figure Filtration Examples

Table Key Downstream Customer in Filtration

Figure Textiles Examples

Table Key Downstream Customer in Textiles

Figure Precursors to carbon fiber Examples

Table Key Downstream Customer in Precursors to carbon fiber

Figure Outdoor Examples

Table Key Downstream Customer in Outdoor

Figure Fiber-reinforced concrete Examples

Table Key Downstream Customer in Fiber-reinforced concrete

Figure Global Polyacrylonitrile (PAN) Market Size (Million USD) by Regions (2013-2025)

Figure United States Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Europe Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

Figure China Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Japan Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Southeast Asia Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

Figure India Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)

- Figure Global Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate (2013-2025)
- Figure Global Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2025)
- Figure Global Market Major Players Polyacrylonitrile (PAN) Sales Volume (K MT) (2013-2018)
- Table Global Polyacrylonitrile (PAN) Sales (K MT) of Key Players/Suppliers (2013-2018)
- Table Global Polyacrylonitrile (PAN) Sales Share by Players/Suppliers (2013-2018)
- Figure 2017 Polyacrylonitrile (PAN) Sales Share by Players/Suppliers
- Figure 2017 Polyacrylonitrile (PAN) Sales Share by Players/Suppliers
- Figure Global Polyacrylonitrile (PAN) Revenue (Million USD) by Players/Suppliers (2013-2018)
- Table Global Polyacrylonitrile (PAN) Revenue (Million USD) by Players/Suppliers (2013-2018)
- Table Global Polyacrylonitrile (PAN) Revenue Share by Players/Suppliers (2013-2018)
- Table 2017 Global Polyacrylonitrile (PAN) Revenue Share by Players
- Table 2017 Global Polyacrylonitrile (PAN) Revenue Share by Players
- Table Global Polyacrylonitrile (PAN) Sales (K MT) and Market Share by Type (2013-2018)
- Table Global Polyacrylonitrile (PAN) Sales Share (K MT) by Type (2013-2018)
- Figure Sales Market Share of Polyacrylonitrile (PAN) by Type (2013-2018)
- Figure Global Polyacrylonitrile (PAN) Sales Growth Rate by Type (2013-2018)
- Table Global Polyacrylonitrile (PAN) Revenue (Million USD) and Market Share by Type (2013-2018)
- Table Global Polyacrylonitrile (PAN) Revenue Share by Type (2013-2018)
- Figure Revenue Market Share of Polyacrylonitrile (PAN) by Type (2013-2018)
- Figure Global Polyacrylonitrile (PAN) Revenue Growth Rate by Type (2013-2018)
- Table Global Polyacrylonitrile (PAN) Sales Volume (K MT) and Market Share by Region (2013-2018)
- Table Global Polyacrylonitrile (PAN) Sales Share by Region (2013-2018)
- Figure Sales Market Share of Polyacrylonitrile (PAN) by Region (2013-2018)
- Figure Global Polyacrylonitrile (PAN) Sales Growth Rate by Region in 2017
- Table Global Polyacrylonitrile (PAN) Revenue (Million USD) and Market Share by Region (2013-2018)
- Table Global Polyacrylonitrile (PAN) Revenue Share (%) by Region (2013-2018)
- Figure Revenue Market Share of Polyacrylonitrile (PAN) by Region (2013-2018)
- Figure Global Polyacrylonitrile (PAN) Revenue Growth Rate by Region in 2017
- Table Global Polyacrylonitrile (PAN) Revenue (Million USD) and Market Share by Region (2013-2018)

Table Global Polyacrylonitrile (PAN) Revenue Share (%) by Region (2013-2018)

Figure Revenue Market Share of Polyacrylonitrile (PAN) by Region (2013-2018)

Figure Global Polyacrylonitrile (PAN) Revenue Market Share by Region in 2017

Table Global Polyacrylonitrile (PAN) Sales Volume (K MT) and Market Share by Application (2013-2018)

Table Global Polyacrylonitrile (PAN) Sales Share (%) by Application (2013-2018)

Figure Sales Market Share of Polyacrylonitrile (PAN) by Application (2013-2018)

Figure Global Polyacrylonitrile (PAN) Sales Market Share by Application (2013-2018)

Figure United States Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)

Figure United States Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)

Figure United States Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)

Table United States Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)

Table United States Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)

Figure United States Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017

Table United States Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)

Table United States Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)

Figure United States Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017

Table United States Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)

Table United States Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)

Figure United States Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017

Figure Europe Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)

Figure Europe Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)

Figure Europe Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)

Table Europe Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)

Table Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)

Figure Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017

Table Europe Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)

Table Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)
Figure Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017
Table Europe Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)
Table Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)
Figure Europe Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017
Figure China Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)
Figure China Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)
Figure China Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)
Table China Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)
Table China Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)
Figure China Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017
Table China Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)
Table China Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)
Figure China Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017
Table China Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)
Table China Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)
Figure China Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017
Figure Japan Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)
Figure Japan Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)
Figure Japan Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)
Table Japan Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)
Table Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)
Figure Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017
Table Japan Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)
Table Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)
Figure Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017
Table Japan Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)
Table Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)
Figure Japan Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017
Figure Southeast Asia Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)

Figure Southeast Asia Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)

Figure Southeast Asia Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)

Figure Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)

Figure Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)

Table Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)

Figure Southeast Asia Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017

Figure India Polyacrylonitrile (PAN) Sales (K MT) and Growth Rate (2013-2018)

Figure India Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate (2013-2018)

Figure India Polyacrylonitrile (PAN) Sales Price (USD/MT) Trend (2013-2018)

Table India Polyacrylonitrile (PAN) Sales Volume (K MT) by Players (2013-2018)

Table India Polyacrylonitrile (PAN) Sales Volume Market Share by Players (2013-2018)

Figure India Polyacrylonitrile (PAN) Sales Volume Market Share by Players in 2017

Table India Polyacrylonitrile (PAN) Sales Volume (K MT) by Type (2013-2018)

Table India Polyacrylonitrile (PAN) Sales Volume Market Share by Type (2013-2018)

Figure India Polyacrylonitrile (PAN) Sales Volume Market Share by Type in 2017

Table India Polyacrylonitrile (PAN) Sales Volume (K MT) by Application (2013-2018)

Table India Polyacrylonitrile (PAN) Sales Volume Market Share by Application (2013-2018)

Figure India Polyacrylonitrile (PAN) Sales Volume Market Share by Application in 2017

Table DOLAN GmbH Basic Information List

Table DOLAN GmbH Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure DOLAN GmbH Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure DOLAN GmbH Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure DOLAN GmbH Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table MemPro Basic Information List

Table MemPro Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure MemPro Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure MemPro Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure MemPro Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table AKSA Basic Information List

Table AKSA Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure AKSA Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure AKSA Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure AKSA Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Montefibre Basic Information List

Table Montefibre Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Montefibre Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Montefibre Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Montefibre Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Dralon Basic Information List

Table Dralon Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Dralon Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Dralon Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Dralon Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Formosa Plastics Basic Information List

Table Formosa Plastics Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Formosa Plastics Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Formosa Plastics Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Formosa Plastics Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Unichem Basic Information List

Table Unichem Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Unichem Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Unichem Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Unichem Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Toray Basic Information List

Table Toray Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Toray Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Toray Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Toray Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Taekwangsf Basic Information List

Table Taekwangsf Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Taekwangsf Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure Taekwangsf Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure Taekwangsf Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table TOYOBO Basic Information List

Table TOYOBO Polyacrylonitrile (PAN) Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure TOYOBO Polyacrylonitrile (PAN) Sales Growth Rate (2013-2018)

Figure TOYOBO Polyacrylonitrile (PAN) Sales Global Market Share (2013-2018)

Figure TOYOBO Polyacrylonitrile (PAN) Revenue Global Market Share (2013-2018)

Table Mitsubishi Rayon Group Basic Information List

Table TAF Basic Information List

Table Pasupati Acrylon Basic Information List

Table Fisipe Basic Information List

Table Polimir Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Polyacrylonitrile (PAN)

Figure Manufacturing Process Analysis of Polyacrylonitrile (PAN)

Figure Polyacrylonitrile (PAN) Industrial Chain Analysis

Table Raw Materials Sources of Polyacrylonitrile (PAN) Major Players in 2017

Table Major Buyers of Polyacrylonitrile (PAN)

Table Distributors/Traders List

Figure Global Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Global Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Global Polyacrylonitrile (PAN) Price (USD/MT) and Trend Forecast (2018-2025)

Table Global Polyacrylonitrile (PAN) Sales Volume (K MT) Forecast by Regions

(2018-2025)

Figure Global Polyacrylonitrile (PAN) Sales Volume Market Share Forecast by Regions (2018-2025)

Figure Global Polyacrylonitrile (PAN) Sales Volume Market Share Forecast by Regions in 2025

Table Global Polyacrylonitrile (PAN) Revenue (Million USD) Forecast by Regions (2018-2025)

Figure Global Polyacrylonitrile (PAN) Revenue Market Share Forecast by Regions (2018-2025)

Figure Global Polyacrylonitrile (PAN) Revenue Market Share Forecast by Regions in 2025

Figure United States Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure United States Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Europe Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Europe Polyacrylonitrile (PAN) Revenue and Growth Rate Forecast (2018-2025)

Figure China Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure China Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Japan Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Japan Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure India Polyacrylonitrile (PAN) Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure India Polyacrylonitrile (PAN) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Table Global Polyacrylonitrile (PAN) Sales (K MT) Forecast by Type (2018-2025)

Figure Global Polyacrylonitrile (PAN) Sales Volume Market Share Forecast by Type (2018-2025)

Table Global Polyacrylonitrile (PAN) Revenue (Million USD) Forecast by Type (2018-2025)

Figure Global Polyacrylonitrile (PAN) Revenue Market Share Forecast by Type (2018-2025)

Table Global Polyacrylonitrile (PAN) Price (USD/MT) Forecast by Type (2018-2025)

Table Global Polyacrylonitrile (PAN) Sales (K MT) Forecast by Application (2018-2025)

Figure Global Polyacrylonitrile (PAN) Sales Market Share Forecast by Application (2018-2025)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

I would like to order

Product name: Global Polyacrylonitrile (PAN) Sales Market Report 2018

Product link: <https://marketpublishers.com/r/G41E9AF4AD6EN.html>

Price: US\$ 4,000.00 (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/G41E9AF4AD6EN.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