

# Global Polyacrylonitrile (PAN) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G3F9CDBA54FEN.html>

Date: January 2024

Pages: 133

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

ID: G3F9CDBA54FEN

## Abstracts

According to our (Global Info Research) latest study, the global Polyacrylonitrile (PAN) market size was valued at USD 8022.7 million in 2023 and is forecast to a readjusted size of USD 9973.4 million by 2030 with a CAGR of 3.2% during review period.

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.

Global Polyacrylonitrile (PAN) key players include AKSA, Montefibre, Dralon, Mitsubishi Rayon Group, TAF, etc. Global top five manufacturers hold a share over 25%.

China is the largest market, with a share over 35%, followed by Europe, and Japan, both have a share about 40 percent.

In terms of product, Acrylic Staple Fiber is the largest segment, with a share about 55%. And in terms of application, the largest application is Filtration, followed by Textiles, Fiber-reinforced concrete, carbon fiber, etc.

The Global Info Research report includes an overview of the development of the Polyacrylonitrile (PAN) industry chain, the market status of Filtration (Acrylic Staple Fiber, Acrylic Tow), Textiles (Acrylic Staple Fiber, Acrylic Tow), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Polyacrylonitrile (PAN).

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

#### Key Features:

The report presents comprehensive understanding of the Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) 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., Acrylic Staple Fiber, Acrylic Tow).

**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 Polyacrylonitrile (PAN) market.

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

The report also involves a more granular approach to Polyacrylonitrile (PAN):

**Company Analysis:** Report covers individual Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Filtration, Textiles).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Polyacrylonitrile (PAN) 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

Polyacrylonitrile (PAN) 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

Acrylic Staple Fiber

Acrylic Tow

Acrylic Top

### Market segment by Application

Filtration

Textiles

Precursors To Carbon Fiber

Outdoor

Fiber-reinforced Concrete

#### Major players covered

AKSA

Dralon

Mitsubishi Chemical

Aditya Birla Group

Formosa Plastics Corporation

TOYOBO (Exlan)

Taekwang

Toray

Kaltex

Montefibre

Pasupati Acrylon

SGL (Fisipe)

SDF Group

Indian Acrylics

Sinopec

Jilin Chemical Fiber

CNPC

Jiangsu Zhongxin Group

Zhejiang Hangzhouwan

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 Polyacrylonitrile (PAN) product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN).

Chapter 14 and 15, to describe Polyacrylonitrile (PAN) sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Polyacrylonitrile (PAN)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Polyacrylonitrile (PAN) Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Acrylic Staple Fiber
  - 1.3.3 Acrylic Tow
  - 1.3.4 Acrylic Top
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Polyacrylonitrile (PAN) Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Filtration
  - 1.4.3 Textiles
  - 1.4.4 Precursors To Carbon Fiber
  - 1.4.5 Outdoor
  - 1.4.6 Fiber-reinforced Concrete
- 1.5 Global Polyacrylonitrile (PAN) Market Size & Forecast
  - 1.5.1 Global Polyacrylonitrile (PAN) Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Polyacrylonitrile (PAN) Sales Quantity (2019-2030)
  - 1.5.3 Global Polyacrylonitrile (PAN) Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

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

## Margin and Market Share (2019-2024)

### 2.2.5 Dralon Recent Developments/Updates

## 2.3 Mitsubishi Chemical

### 2.3.1 Mitsubishi Chemical Details

### 2.3.2 Mitsubishi Chemical Major Business

### 2.3.3 Mitsubishi Chemical Polyacrylonitrile (PAN) Product and Services

### 2.3.4 Mitsubishi Chemical Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Mitsubishi Chemical Recent Developments/Updates

## 2.4 Aditya Birla Group

### 2.4.1 Aditya Birla Group Details

### 2.4.2 Aditya Birla Group Major Business

### 2.4.3 Aditya Birla Group Polyacrylonitrile (PAN) Product and Services

### 2.4.4 Aditya Birla Group Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Aditya Birla Group Recent Developments/Updates

## 2.5 Formosa Plastics Corporation

### 2.5.1 Formosa Plastics Corporation Details

### 2.5.2 Formosa Plastics Corporation Major Business

### 2.5.3 Formosa Plastics Corporation Polyacrylonitrile (PAN) Product and Services

### 2.5.4 Formosa Plastics Corporation Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Formosa Plastics Corporation Recent Developments/Updates

## 2.6 TOYOBO (Exlan)

### 2.6.1 TOYOBO (Exlan) Details

### 2.6.2 TOYOBO (Exlan) Major Business

### 2.6.3 TOYOBO (Exlan) Polyacrylonitrile (PAN) Product and Services

### 2.6.4 TOYOBO (Exlan) Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 TOYOBO (Exlan) Recent Developments/Updates

## 2.7 Taekwang

### 2.7.1 Taekwang Details

### 2.7.2 Taekwang Major Business

### 2.7.3 Taekwang Polyacrylonitrile (PAN) Product and Services

### 2.7.4 Taekwang Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 Taekwang Recent Developments/Updates

## 2.8 Toray

### 2.8.1 Toray Details



- 2.8.2 Toray Major Business
- 2.8.3 Toray Polyacrylonitrile (PAN) Product and Services
- 2.8.4 Toray Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Toray Recent Developments/Updates
- 2.9 Kaltex
  - 2.9.1 Kaltex Details
  - 2.9.2 Kaltex Major Business
  - 2.9.3 Kaltex Polyacrylonitrile (PAN) Product and Services
  - 2.9.4 Kaltex Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Kaltex Recent Developments/Updates
- 2.10 Montefibre
  - 2.10.1 Montefibre Details
  - 2.10.2 Montefibre Major Business
  - 2.10.3 Montefibre Polyacrylonitrile (PAN) Product and Services
  - 2.10.4 Montefibre Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Montefibre Recent Developments/Updates
- 2.11 Pasupati Acrylon
  - 2.11.1 Pasupati Acrylon Details
  - 2.11.2 Pasupati Acrylon Major Business
  - 2.11.3 Pasupati Acrylon Polyacrylonitrile (PAN) Product and Services
  - 2.11.4 Pasupati Acrylon Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Pasupati Acrylon Recent Developments/Updates
- 2.12 SGL (Fisipe)
  - 2.12.1 SGL (Fisipe) Details
  - 2.12.2 SGL (Fisipe) Major Business
  - 2.12.3 SGL (Fisipe) Polyacrylonitrile (PAN) Product and Services
  - 2.12.4 SGL (Fisipe) Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 SGL (Fisipe) Recent Developments/Updates
- 2.13 SDF Group
  - 2.13.1 SDF Group Details
  - 2.13.2 SDF Group Major Business
  - 2.13.3 SDF Group Polyacrylonitrile (PAN) Product and Services
  - 2.13.4 SDF Group Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 SDF Group Recent Developments/Updates
- 2.14 Indian Acrylics
  - 2.14.1 Indian Acrylics Details
  - 2.14.2 Indian Acrylics Major Business
  - 2.14.3 Indian Acrylics Polyacrylonitrile (PAN) Product and Services
  - 2.14.4 Indian Acrylics Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 Indian Acrylics Recent Developments/Updates
- 2.15 Sinopec
  - 2.15.1 Sinopec Details
  - 2.15.2 Sinopec Major Business
  - 2.15.3 Sinopec Polyacrylonitrile (PAN) Product and Services
  - 2.15.4 Sinopec Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 Sinopec Recent Developments/Updates
- 2.16 Jilin Chemical Fiber
  - 2.16.1 Jilin Chemical Fiber Details
  - 2.16.2 Jilin Chemical Fiber Major Business
  - 2.16.3 Jilin Chemical Fiber Polyacrylonitrile (PAN) Product and Services
  - 2.16.4 Jilin Chemical Fiber Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.16.5 Jilin Chemical Fiber Recent Developments/Updates
- 2.17 CNPC
  - 2.17.1 CNPC Details
  - 2.17.2 CNPC Major Business
  - 2.17.3 CNPC Polyacrylonitrile (PAN) Product and Services
  - 2.17.4 CNPC Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.17.5 CNPC Recent Developments/Updates
- 2.18 Jiangsu Zhongxin Group
  - 2.18.1 Jiangsu Zhongxin Group Details
  - 2.18.2 Jiangsu Zhongxin Group Major Business
  - 2.18.3 Jiangsu Zhongxin Group Polyacrylonitrile (PAN) Product and Services
  - 2.18.4 Jiangsu Zhongxin Group Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.18.5 Jiangsu Zhongxin Group Recent Developments/Updates
- 2.19 Zhejiang Hangzhouwan
  - 2.19.1 Zhejiang Hangzhouwan Details
  - 2.19.2 Zhejiang Hangzhouwan Major Business

- 2.19.3 Zhejiang Hangzhouwan Polyacrylonitrile (PAN) Product and Services
- 2.19.4 Zhejiang Hangzhouwan Polyacrylonitrile (PAN) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.19.5 Zhejiang Hangzhouwan Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: POLYACRYLONITRILE (PAN) BY MANUFACTURER**

- 3.1 Global Polyacrylonitrile (PAN) Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Polyacrylonitrile (PAN) Revenue by Manufacturer (2019-2024)
- 3.3 Global Polyacrylonitrile (PAN) Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Polyacrylonitrile (PAN) by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Polyacrylonitrile (PAN) Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Polyacrylonitrile (PAN) Manufacturer Market Share in 2023
- 3.5 Polyacrylonitrile (PAN) Market: Overall Company Footprint Analysis
  - 3.5.1 Polyacrylonitrile (PAN) Market: Region Footprint
  - 3.5.2 Polyacrylonitrile (PAN) Market: Company Product Type Footprint
  - 3.5.3 Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Market Size by Region
  - 4.1.1 Global Polyacrylonitrile (PAN) Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Polyacrylonitrile (PAN) Consumption Value by Region (2019-2030)
  - 4.1.3 Global Polyacrylonitrile (PAN) Average Price by Region (2019-2030)
- 4.2 North America Polyacrylonitrile (PAN) Consumption Value (2019-2030)
- 4.3 Europe Polyacrylonitrile (PAN) Consumption Value (2019-2030)
- 4.4 Asia-Pacific Polyacrylonitrile (PAN) Consumption Value (2019-2030)
- 4.5 South America Polyacrylonitrile (PAN) Consumption Value (2019-2030)
- 4.6 Middle East and Africa Polyacrylonitrile (PAN) Consumption Value (2019-2030)

### **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)
- 5.2 Global Polyacrylonitrile (PAN) Consumption Value by Type (2019-2030)

### 5.3 Global Polyacrylonitrile (PAN) Average Price by Type (2019-2030)

## 6 MARKET SEGMENT BY APPLICATION

### 6.1 Global Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)

### 6.2 Global Polyacrylonitrile (PAN) Consumption Value by Application (2019-2030)

### 6.3 Global Polyacrylonitrile (PAN) Average Price by Application (2019-2030)

## 7 NORTH AMERICA

### 7.1 North America Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)

### 7.2 North America Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)

### 7.3 North America Polyacrylonitrile (PAN) Market Size by Country

#### 7.3.1 North America Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2030)

#### 7.3.2 North America Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)

### 8.2 Europe Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)

### 8.3 Europe Polyacrylonitrile (PAN) Market Size by Country

#### 8.3.1 Europe Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2030)

#### 8.3.2 Europe Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)

### 9.2 Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)

### 9.3 Asia-Pacific Polyacrylonitrile (PAN) Market Size by Region

#### 9.3.1 Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Region (2019-2030)

- 9.3.2 Asia-Pacific Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)
- 10.2 South America Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)
- 10.3 South America Polyacrylonitrile (PAN) Market Size by Country
  - 10.3.1 South America Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Polyacrylonitrile (PAN) Market Size by Country
  - 11.3.1 Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Market Drivers
- 12.2 Polyacrylonitrile (PAN) Market Restraints
- 12.3 Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) and Key Manufacturers

### 13.2 Manufacturing Costs Percentage of Polyacrylonitrile (PAN)

### 13.3 Polyacrylonitrile (PAN) Production Process

### 13.4 Polyacrylonitrile (PAN) Industrial Chain

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Polyacrylonitrile (PAN) Typical Distributors

### 14.3 Polyacrylonitrile (PAN) 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 Polyacrylonitrile (PAN) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

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

Table 3. AKSA Basic Information, Manufacturing Base and Competitors

Table 4. AKSA Major Business

Table 5. AKSA Polyacrylonitrile (PAN) Product and Services

Table 6. AKSA Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. AKSA Recent Developments/Updates

Table 8. Dralon Basic Information, Manufacturing Base and Competitors

Table 9. Dralon Major Business

Table 10. Dralon Polyacrylonitrile (PAN) Product and Services

Table 11. Dralon Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Dralon Recent Developments/Updates

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

Table 14. Mitsubishi Chemical Major Business

Table 15. Mitsubishi Chemical Polyacrylonitrile (PAN) Product and Services

Table 16. Mitsubishi Chemical Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Mitsubishi Chemical Recent Developments/Updates

Table 18. Aditya Birla Group Basic Information, Manufacturing Base and Competitors

Table 19. Aditya Birla Group Major Business

Table 20. Aditya Birla Group Polyacrylonitrile (PAN) Product and Services

Table 21. Aditya Birla Group Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Aditya Birla Group Recent Developments/Updates

Table 23. Formosa Plastics Corporation Basic Information, Manufacturing Base and Competitors

Table 24. Formosa Plastics Corporation Major Business

Table 25. Formosa Plastics Corporation Polyacrylonitrile (PAN) Product and Services

Table 26. Formosa Plastics Corporation Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Formosa Plastics Corporation Recent Developments/Updates
Table 28. TOYOBO (Exlan) Basic Information, Manufacturing Base and Competitors
Table 29. TOYOBO (Exlan) Major Business
Table 30. TOYOBO (Exlan) Polyacrylonitrile (PAN) Product and Services
Table 31. TOYOBO (Exlan) Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 32. TOYOBO (Exlan) Recent Developments/Updates
Table 33. Taekwang Basic Information, Manufacturing Base and Competitors
Table 34. Taekwang Major Business
Table 35. Taekwang Polyacrylonitrile (PAN) Product and Services
Table 36. Taekwang Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 37. Taekwang Recent Developments/Updates
Table 38. Toray Basic Information, Manufacturing Base and Competitors
Table 39. Toray Major Business
Table 40. Toray Polyacrylonitrile (PAN) Product and Services
Table 41. Toray Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 42. Toray Recent Developments/Updates
Table 43. Kaltex Basic Information, Manufacturing Base and Competitors
Table 44. Kaltex Major Business
Table 45. Kaltex Polyacrylonitrile (PAN) Product and Services
Table 46. Kaltex Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 47. Kaltex Recent Developments/Updates
Table 48. Montefibre Basic Information, Manufacturing Base and Competitors
Table 49. Montefibre Major Business
Table 50. Montefibre Polyacrylonitrile (PAN) Product and Services
Table 51. Montefibre Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 52. Montefibre Recent Developments/Updates
Table 53. Pasupati Acrylon Basic Information, Manufacturing Base and Competitors
Table 54. Pasupati Acrylon Major Business
Table 55. Pasupati Acrylon Polyacrylonitrile (PAN) Product and Services
Table 56. Pasupati Acrylon Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 57. Pasupati Acrylon Recent Developments/Updates
Table 58. SGL (Fisipe) Basic Information, Manufacturing Base and Competitors
Table 59. SGL (Fisipe) Major Business



Table 60. SGL (Fisipe) Polyacrylonitrile (PAN) Product and Services
Table 61. SGL (Fisipe) Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 62. SGL (Fisipe) Recent Developments/Updates
Table 63. SDF Group Basic Information, Manufacturing Base and Competitors
Table 64. SDF Group Major Business
Table 65. SDF Group Polyacrylonitrile (PAN) Product and Services
Table 66. SDF Group Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 67. SDF Group Recent Developments/Updates
Table 68. Indian Acrylics Basic Information, Manufacturing Base and Competitors
Table 69. Indian Acrylics Major Business
Table 70. Indian Acrylics Polyacrylonitrile (PAN) Product and Services
Table 71. Indian Acrylics Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 72. Indian Acrylics Recent Developments/Updates
Table 73. Sinopec Basic Information, Manufacturing Base and Competitors
Table 74. Sinopec Major Business
Table 75. Sinopec Polyacrylonitrile (PAN) Product and Services
Table 76. Sinopec Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 77. Sinopec Recent Developments/Updates
Table 78. Jilin Chemical Fiber Basic Information, Manufacturing Base and Competitors
Table 79. Jilin Chemical Fiber Major Business
Table 80. Jilin Chemical Fiber Polyacrylonitrile (PAN) Product and Services
Table 81. Jilin Chemical Fiber Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 82. Jilin Chemical Fiber Recent Developments/Updates
Table 83. CNPC Basic Information, Manufacturing Base and Competitors
Table 84. CNPC Major Business
Table 85. CNPC Polyacrylonitrile (PAN) Product and Services
Table 86. CNPC Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 87. CNPC Recent Developments/Updates
Table 88. Jiangsu Zhongxin Group Basic Information, Manufacturing Base and Competitors
Table 89. Jiangsu Zhongxin Group Major Business
Table 90. Jiangsu Zhongxin Group Polyacrylonitrile (PAN) Product and Services
Table 91. Jiangsu Zhongxin Group Polyacrylonitrile (PAN) Sales Quantity (K MT),

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

Table 92. Jiangsu Zhongxin Group Recent Developments/Updates

Table 93. Zhejiang Hangzhouwan Basic Information, Manufacturing Base and Competitors

Table 94. Zhejiang Hangzhouwan Major Business

Table 95. Zhejiang Hangzhouwan Polyacrylonitrile (PAN) Product and Services

Table 96. Zhejiang Hangzhouwan Polyacrylonitrile (PAN) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 97. Zhejiang Hangzhouwan Recent Developments/Updates

Table 98. Global Polyacrylonitrile (PAN) Sales Quantity by Manufacturer (2019-2024) & (K MT)

Table 99. Global Polyacrylonitrile (PAN) Revenue by Manufacturer (2019-2024) & (USD Million)

Table 100. Global Polyacrylonitrile (PAN) Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 101. Market Position of Manufacturers in Polyacrylonitrile (PAN), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 102. Head Office and Polyacrylonitrile (PAN) Production Site of Key Manufacturer

Table 103. Polyacrylonitrile (PAN) Market: Company Product Type Footprint

Table 104. Polyacrylonitrile (PAN) Market: Company Product Application Footprint

Table 105. Polyacrylonitrile (PAN) New Market Entrants and Barriers to Market Entry

Table 106. Polyacrylonitrile (PAN) Mergers, Acquisition, Agreements, and Collaborations

Table 107. Global Polyacrylonitrile (PAN) Sales Quantity by Region (2019-2024) & (K MT)

Table 108. Global Polyacrylonitrile (PAN) Sales Quantity by Region (2025-2030) & (K MT)

Table 109. Global Polyacrylonitrile (PAN) Consumption Value by Region (2019-2024) & (USD Million)

Table 110. Global Polyacrylonitrile (PAN) Consumption Value by Region (2025-2030) & (USD Million)

Table 111. Global Polyacrylonitrile (PAN) Average Price by Region (2019-2024) & (USD/MT)

Table 112. Global Polyacrylonitrile (PAN) Average Price by Region (2025-2030) & (USD/MT)

Table 113. Global Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2024) & (K MT)

Table 114. Global Polyacrylonitrile (PAN) Sales Quantity by Type (2025-2030) & (K MT)

Table 115. Global Polyacrylonitrile (PAN) Consumption Value by Type (2019-2024) & (USD Million)

Table 116. Global Polyacrylonitrile (PAN) Consumption Value by Type (2025-2030) & (USD Million)

Table 117. Global Polyacrylonitrile (PAN) Average Price by Type (2019-2024) & (USD/MT)

Table 118. Global Polyacrylonitrile (PAN) Average Price by Type (2025-2030) & (USD/MT)

Table 119. Global Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2024) & (K MT)

Table 120. Global Polyacrylonitrile (PAN) Sales Quantity by Application (2025-2030) & (K MT)

Table 121. Global Polyacrylonitrile (PAN) Consumption Value by Application (2019-2024) & (USD Million)

Table 122. Global Polyacrylonitrile (PAN) Consumption Value by Application (2025-2030) & (USD Million)

Table 123. Global Polyacrylonitrile (PAN) Average Price by Application (2019-2024) & (USD/MT)

Table 124. Global Polyacrylonitrile (PAN) Average Price by Application (2025-2030) & (USD/MT)

Table 125. North America Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2024) & (K MT)

Table 126. North America Polyacrylonitrile (PAN) Sales Quantity by Type (2025-2030) & (K MT)

Table 127. North America Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2024) & (K MT)

Table 128. North America Polyacrylonitrile (PAN) Sales Quantity by Application (2025-2030) & (K MT)

Table 129. North America Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2024) & (K MT)

Table 130. North America Polyacrylonitrile (PAN) Sales Quantity by Country (2025-2030) & (K MT)

Table 131. North America Polyacrylonitrile (PAN) Consumption Value by Country (2019-2024) & (USD Million)

Table 132. North America Polyacrylonitrile (PAN) Consumption Value by Country (2025-2030) & (USD Million)

Table 133. Europe Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2024) & (K MT)

Table 134. Europe Polyacrylonitrile (PAN) Sales Quantity by Type (2025-2030) & (K

MT)

Table 135. Europe Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2024) & (K MT)

Table 136. Europe Polyacrylonitrile (PAN) Sales Quantity by Application (2025-2030) & (K MT)

Table 137. Europe Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2024) & (K MT)

Table 138. Europe Polyacrylonitrile (PAN) Sales Quantity by Country (2025-2030) & (K MT)

Table 139. Europe Polyacrylonitrile (PAN) Consumption Value by Country (2019-2024) & (USD Million)

Table 140. Europe Polyacrylonitrile (PAN) Consumption Value by Country (2025-2030) & (USD Million)

Table 141. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2024) & (K MT)

Table 142. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Type (2025-2030) & (K MT)

Table 143. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2024) & (K MT)

Table 144. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Application (2025-2030) & (K MT)

Table 145. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Region (2019-2024) & (K MT)

Table 146. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity by Region (2025-2030) & (K MT)

Table 147. Asia-Pacific Polyacrylonitrile (PAN) Consumption Value by Region (2019-2024) & (USD Million)

Table 148. Asia-Pacific Polyacrylonitrile (PAN) Consumption Value by Region (2025-2030) & (USD Million)

Table 149. South America Polyacrylonitrile (PAN) Sales Quantity by Type (2019-2024) & (K MT)

Table 150. South America Polyacrylonitrile (PAN) Sales Quantity by Type (2025-2030) & (K MT)

Table 151. South America Polyacrylonitrile (PAN) Sales Quantity by Application (2019-2024) & (K MT)

Table 152. South America Polyacrylonitrile (PAN) Sales Quantity by Application (2025-2030) & (K MT)

Table 153. South America Polyacrylonitrile (PAN) Sales Quantity by Country (2019-2024) & (K MT)

Table 154. South America Polyacrylonitrile (PAN) Sales Quantity by Country  
(2025-2030) & (K MT)

Table 155. South America Polyacrylonitrile (PAN) Consumption Value by Country  
(2019-2024) & (USD Million)

Table 156. South America Polyacrylonitrile (PAN) Consumption Value by Country  
(2025-2030) & (USD Million)

Table 157. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Type  
(2019-2024) & (K MT)

Table 158. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Type  
(2025-2030) & (K MT)

Table 159. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Application  
(2019-2024) & (K MT)

Table 160. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Application  
(2025-2030) & (K MT)

Table 161. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Region  
(2019-2024) & (K MT)

Table 162. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity by Region  
(2025-2030) & (K MT)

Table 163. Middle East & Africa Polyacrylonitrile (PAN) Consumption Value by Region  
(2019-2024) & (USD Million)

Table 164. Middle East & Africa Polyacrylonitrile (PAN) Consumption Value by Region  
(2025-2030) & (USD Million)

Table 165. Polyacrylonitrile (PAN) Raw Material

Table 166. Key Manufacturers of Polyacrylonitrile (PAN) Raw Materials

Table 167. Polyacrylonitrile (PAN) Typical Distributors

Table 168. Polyacrylonitrile (PAN) Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Polyacrylonitrile (PAN) Picture

Figure 2. Global Polyacrylonitrile (PAN) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Type in 2023

Figure 4. Acrylic Staple Fiber Examples

Figure 5. Acrylic Tow Examples

Figure 6. Acrylic Top Examples

Figure 7. Global Polyacrylonitrile (PAN) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Application in 2023

Figure 9. Filtration Examples

Figure 10. Textiles Examples

Figure 11. Precursors To Carbon Fiber Examples

Figure 12. Outdoor Examples

Figure 13. Fiber-reinforced Concrete Examples

Figure 14. Global Polyacrylonitrile (PAN) Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Polyacrylonitrile (PAN) Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Polyacrylonitrile (PAN) Sales Quantity (2019-2030) & (K MT)

Figure 17. Global Polyacrylonitrile (PAN) Average Price (2019-2030) & (USD/MT)

Figure 18. Global Polyacrylonitrile (PAN) Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of Polyacrylonitrile (PAN) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 Polyacrylonitrile (PAN) Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Polyacrylonitrile (PAN) Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Polyacrylonitrile (PAN) Sales Quantity Market Share by Region (2019-2030)



Figure 24. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Polyacrylonitrile (PAN) Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Polyacrylonitrile (PAN) Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Polyacrylonitrile (PAN) Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Polyacrylonitrile (PAN) Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Polyacrylonitrile (PAN) Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Polyacrylonitrile (PAN) Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Polyacrylonitrile (PAN) Average Price by Type (2019-2030) & (USD/MT)

Figure 33. Global Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Polyacrylonitrile (PAN) Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Polyacrylonitrile (PAN) Average Price by Application (2019-2030) & (USD/MT)

Figure 36. North America Polyacrylonitrile (PAN) Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Polyacrylonitrile (PAN) Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Polyacrylonitrile (PAN) Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Polyacrylonitrile (PAN) Sales Quantity Market Share by Type

(2019-2030)

Figure 44. Europe Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Polyacrylonitrile (PAN) Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Polyacrylonitrile (PAN) Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Polyacrylonitrile (PAN) Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Polyacrylonitrile (PAN) Consumption Value Market Share by Region (2019-2030)

Figure 56. China Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America Polyacrylonitrile (PAN) Sales Quantity Market Share by Type (2019-2030)



Figure 63. South America Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America Polyacrylonitrile (PAN) Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Polyacrylonitrile (PAN) Consumption Value Market Share by Country (2019-2030)

Figure 66. Brazil Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa Polyacrylonitrile (PAN) Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Polyacrylonitrile (PAN) Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Polyacrylonitrile (PAN) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Polyacrylonitrile (PAN) Market Drivers

Figure 77. Polyacrylonitrile (PAN) Market Restraints

Figure 78. Polyacrylonitrile (PAN) Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Polyacrylonitrile (PAN) in 2023

Figure 81. Manufacturing Process Analysis of Polyacrylonitrile (PAN)

Figure 82. Polyacrylonitrile (PAN) Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global Polyacrylonitrile (PAN) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G3F9CDBA54FEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3F9CDBA54FEN.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

