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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 (C3H3N)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).

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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

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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

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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

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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

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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.

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