

Global PAN Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global PAN market size was valued at USD 860.2 million in 2023 and is forecast to a readjusted size of USD 1287.7 million by 2030 with a CAGR of 5.9% during review period.

Polyacrylonitrile (PAN), also known as polyvinyl cyanide and Creslan 61, is a synthetic, semicrystalline organic polymer resin, with the linear formula $(C_3H_3N)_n$. Though it is thermoplastic, it does not melt under normal conditions. It degrades before melting.

At present, China has developed into a veritable textile power, the main textile products of chemical fiber, yarn, cloth and other production capacity production is huge, the output has ranked first in the world. According to the statistics of China National Bureau of Statistics, China's 2022 production of yarn will be 27.191 million tons, chemical fiber production will be 66.978 million tons, and cloth production will be 36.75 billion meters. Developed countries have obvious advantages in science and technology research and development and brand channels, and their manufacturing capacity in high-end equipment, high-performance fibers, smart textiles and clothing continues to grow; developing countries have obvious advantages in labor costs, and with the implementation of regional trade agreements will reduce the cost of trade in the relevant countries, the textile industry of developing countries, such as India, Vietnam, Bangladesh, Pakistan and other developing countries, is showing a clear upward trend.

The Global Info Research report includes an overview of the development of the PAN industry chain, the market status of Textiles (Acrylic Staple Fiber, Acrylic Tow), Precursors to carbon fiber (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 PAN.

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

Key Features:

The report presents comprehensive understanding of the 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 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 PAN market.

Regional Analysis: The report involves examining the 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 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 PAN:

Company Analysis: Report covers individual 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 PAN. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Textiles, Precursors to carbon fiber).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 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

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

Others

Market segment by Application

Textiles

Precursors to carbon fiber

Fiber-reinforced concrete

Others

Major players covered

DOLAN GmbH

AKSA

Montefibre Carbon

Dralon

Formosa Plastics

Toray

Taekwang Industrial

TOYOBO

Ineos

Thai Acrylic Fibre

Pasupati Acrylon

SGL Carbon

Polimir Novopolotsk

Toho Tenax

BASF

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

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

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

Chapter 4, the 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 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 PAN.

Chapter 14 and 15, to describe PAN sales channel, distributors, customers, research

findings and conclusion.

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