

Global Acrylonitrile Market Analysis: Plant Capacity, Production, Process Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2035

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Abstracts

The global Acrylonitrile market has reached approximately 6.5 million tonnes in 2022 and is expected to grow at a CAGR of 4.77% during the forecast period until 2035.

Acrylonitrile is an organic compound with the chemical formula CH_2CHCN . It is a substance that occasionally becomes yellow because of impurities. It is produced using the ammoxidation process, in which high-temperature reaction takes place between propylene, ammonia, and air in the presence of a catalyst. Acrylonitrile works as a crucial monomer in the synthesis of polymers including ABS, SAN, ASA, and acrylonitrile-butadiene rubber. Because of the strong demand for these polymers from the construction and automotive industries as well as their durability, thermal stability, chemical resistance, and high-strength features, the acrylonitrile market has been expanding.

The primary driver of the Acrylonitrile global market is driven by the production of Acrylonitrile butadiene styrene (ABS). Acrylonitrile butadiene styrene is extensively utilised in the electronics and automotive industries thanks to its exceptional qualities, including strength and endurance at low temperatures. The market for consumer appliances is seeing an increase in the use of ABS resins. Several end-user industries, including oil and gas, food, aircraft, defense, and aerospace, use ABS. The growing use of acrylic fibres is driving up the demand for acrylonitrile. Because they are lightweight, these fibres are great choices for clothing. It serves as the primary raw ingredient for the production of acrylic fibres. The textile and apparel industries employ acrylic fibre because of its lightweight characteristics. Owing to these factors, the Acrylonitrile

market is expected to reach 11 million tonnes in 2035.

Regionally, the Asia Pacific region is dominating the Acrylonitrile market, followed by Europe. This region held a market share of approximately 66% in 2022. Growing economies coupled with the rapidly growing population in developing countries like India, Japan, Malaysia, and China are imposing a higher demand for plastics for usage in the construction sector coupled with the growing usage of the acrylic fibre in India's textile industries, which is anticipated to further propel the Acrylonitrile market furthermore. Given the enormous demand for acrylonitrile in the automotive industry, Europe is predicted to foresee an expansion in demand. Growing automotive industry for producing energy-efficient cars to reduce carbon dioxide emissions. Based on production, Asia Pacific is dominating the Acrylonitrile market with China having the highest production capacity.

Based on the end-user industry, the global Acrylonitrile market is segmented into ABS, Acrylic Fibre, Acrylamide, and Others. Among these, the ABS industry is dominating the Acrylonitrile market and consumed roughly 42% of the market in 2022. ABS is quite popular plastic. This is a result of the product's expanding application in the construction sector, consumer products, technology, automobile, and consumer goods. The product is also more durable than PVC, corrosion-resistant, and has great mechanical strength.

Major players in the production of Global Acrylonitrile are Ineos Nitriles, Jiangsu Sailboat (Sierbang) Petrochemical Corp. Ltd. (Shenghong Holding Group), Ascend Performance Materials, Asahi Kasei Chemicals, AnQore (DSM Acrylonitrile), Cornerstone Chemical Company (Cytec Industries), PetroChina Company Ltd. (CNPC) (China National Petroleum Corp.), Shanghai SECCO Petrochemical Company, Sinopec Group (CPCC) (China Petroleum & Chemical Corp.), Tong Suh Petrochemical Corp., Ltd. (Asahi Kasei Chemicals), Saudi Japanese Acrylonitrile Company (Shrouq), and Others.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2035

Objective of the Study:

To assess the demand-supply scenario of Acrylonitrile which covers production, demand and supply of Acrylonitrile market in the globe.

To analyse and forecast the market size of Acrylonitrile

To classify and forecast Global Acrylonitrile market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Acrylonitrile market in the globe.

To extract data for Global Acrylonitrile market, primary research surveys were conducted with Acrylonitrile manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Acrylonitrile market over the coming years.

ChemAnalyst calculated Acrylonitrile demand in the globe by analyzing the historical data and demand forecast which was carried out considering the raw materials to produce Acrylonitrile. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Acrylonitrile manufacturers and other stakeholders

Organizations, forums and alliances related to Acrylonitrile s distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Acrylonitrile s manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Acrylonitrile s market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-Use: ABS, Acrylic Fibre, Acrylamide, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Acrylonitrile.

2. CAPACITY BY LOCATION

To better understand the regional supply of Acrylonitrile by analyzing its manufacturers' location-based capacity.

3. CAPACITY BY PROCESS

To evaluate the demand of various methods and their capacities while looking for the future growth of each process.

4. PLANT OPERATING EFFICIENCY

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

5. PRODUCTION BY COMPANY

Study the historical annual production of Acrylonitrile by the leading players and forecast how it will grow in the coming years.

6. DEMAND BY END- USE

Discover which end-user industry (ABS, Acrylic Fibre, Acrylamide, and Others) are creating a market and the forecast for the growth of the Acrylonitrile market.

7. DEMAND BY REGION

Analyzing the change in demand of Acrylonitrile in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

8. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Acrylonitrile. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

9. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Acrylonitrile.

10. COMPANY SHARE

Figure out what proportion of the market share of Acrylonitrile is currently held by leading players across the globe.

11. COUNTRY-WISE EXPORT

Get details about quantity of Acrylonitrile exported by major countries.

12. COUNTRY-WISE IMPORT

Get details about quantity of Acrylonitrile imported by major countries.

13. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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