

Global PA 12 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 PA 12 market size was valued at USD 1374.7 million in 2023 and is forecast to a readjusted size of USD 1943.6 million by 2030 with a CAGR of 5.1% during review period.

Polyamide 12 (PA 12) is a polymer with the formula $[(CH_2)_{11}C(O)NH]_n$. It is made from ω -aminolauric acid or laurolactam monomers that each have 12 carbons. It is Semi-crystalline-crystalline thermoplastic material. Relatively low density, low water absorption. It has physical properties that make it an excellent material for manufacturing many different products

Global PA 12 key players include Evonik, Arkema, EMS-Grivory, UBE Industries, etc. Global top four manufacturers hold a share over 95%.

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

In terms of product, PA12 Resin(Polymer) is the largest segment, with a share over 80%. And in terms of application, the largest application is Automotive, followed by Mechanical Engineering, Electronics, etc.

The Global Info Research report includes an overview of the development of the PA 12 industry chain, the market status of Mechanical Engineering (PA12 Resin (Polymer), PA12 Powder), Automotive (PA12 Resin (Polymer), PA12 Powder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of PA 12.

Regionally, the report analyzes the PA 12 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 PA 12 market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the PA 12 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 PA 12 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 (Ton), revenue generated, and market share of different by Type (e.g., PA12 Resin (Polymer), PA12 Powder).

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 PA 12 market.

Regional Analysis: The report involves examining the PA 12 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 PA 12 market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to PA 12:

Company Analysis: Report covers individual PA 12 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 PA 12. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Mechanical Engineering, Automotive).

Technology Analysis: Report covers specific technologies relevant to PA 12. It assesses the current state, advancements, and potential future developments in PA 12 areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the PA 12 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

PA 12 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

PA12 Resin (Polymer)

PA12 Powder

Market segment by Application

Mechanical Engineering

Automotive

Electronics

Others

Major players covered

Evonik

Arkema

EMS-Grivory

UBE Industries

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 PA 12 product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PA 12, with price, sales, revenue and global market share of PA 12 from 2019 to 2024.

Chapter 3, the PA 12 competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PA 12 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 PA 12 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 PA 12.

Chapter 14 and 15, to describe PA 12 sales channel, distributors, customers, research findings and conclusion.

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