

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) PA 12 Market 2018, Forecast to 2023

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## Abstracts

Polyamide 12 (PA 12) is a polymer with the formula  $[(CH_2)_{11}C(O)NH]_n$ . It is made from  $\omega$ -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

Scope of the Report:

This report focuses on the PA 12 in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

At present, in the foreign developed countries the PA 12 industry on a higher level than other countries, the world's large enterprises are mainly concentrated in Europe. Meanwhile, foreign companies have variety products, strong R & D capability, the technical level is in a leading position.

There are major two classification of PA 12 in this report, bio-based PA 12 and petroleum-based PA 12. Globally, the production share of each type of PA 12 is 0.24% and 99.76% in 2015.

At present, there are four companies make up a 99.69 % share of the PA 12 market, and the world's large enterprises are mainly concentrated in EU.

The top four manufacturers are Evonik, Arkema, EMS-Grivory, UBE Industries, respectively with global production market share as 48.49%, 32.18%, 10.58% and 8.44% in 2015.

Although sales of PA 12 brought a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and downstream support do not enter into the PA 12 field.

The worldwide market for PA 12 is expected to grow at a CAGR of roughly 5.3% over the next five years, will reach 1970 million US\$ in 2023, from 1450 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Evonik(DE)

Arkema(FR)

EMS-Grivory(CH)

UBE Industries(JP)

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Bio-based PA 12

Petroleum-based PA 12

Market Segment by Applications, can be divided into

Food & Medical

Automotive

Electronics

Mechanical Engineering

Others

There are 15 Chapters to deeply display the global PA 12 market.

Chapter 1, to describe PA 12 Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of PA 12, with sales, revenue, and price of PA 12, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of PA 12, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, PA 12 market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe PA 12 sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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