

# Global Polyamides (PA) Market Outlook to 2027

<https://marketpublishers.com/r/G813624ECB1DEN.html>

Date: February 2022

Pages: 167

Price: US\$ 4,490.00 (Single User License)

ID: G813624ECB1DEN

## Abstracts

Polyamides or PA are high-performance engineering thermoplastics made from repeating amide linkages having high thermal, heat, and mechanical stability. According to BlueQuark Research & Consulting, the Global Polyamides (PA) market is expected to witness a significant growth rate during the forecasted period. Factor such as high usage of polyamides in automobiles for manufacturing air intake manifolds, wheel covers, airbag containers, and trims is expected to drive the Global Polyamide Market in the forecasted period. Further, the increased utilization of polyamides in manufacturing electrical and electronic products such as surface-mounted devices, connectors, etc., is anticipated to drive the global Polyamides market in the forecasted period. Furthermore, the growing demand for polyamides in the textile industry, such as nylon fiber for garments, carpets, rugs, etc., is predicted to drive the Global Polyamides Market. The utilization of polyamides in the consumer goods industry to make home and kitchen appliances, furniture, etc., is expected to fuel the Global Polyamides market. However, factors like strict government regulations, availability of elastomer-based alternatives, and volatile raw materials prices are expected to hinder the market's growth in the forecasted period.

Polyamides are used to manufacture automotive components such as door and tailgate handles, front-end grilles, fuel caps, and lids, exterior mirrors, and others like sleeping bags, rope, tubing hose, tarp, etc. and are also used in end-user industries like electronics, consumer goods, automobile, and textiles.

The Automobile industry is the essential consumer of Polyamides and is projected to propel the global Polyamides market. The growing population and rapid urbanization contribute to the increased sales of automobiles in countries like China and India. The utilization of plastics makes vehicles lighter, safer, and more economical. Plastics create interiors, structural elements, propulsion engineering, and technical parts. Polyamide is used to produce glass-reinforced plastics-based structural parts, engine covers, rocker

valve covers, airbag containers, air intake manifolds, and various other interior and exterior automotive parts. For a car's powertrain, producers promote plastic chain tensioner guides made of PA 4, 6, since PA 6, 4, which provide better wear performance than high molecular weight PA 6, 6, and PA 6, 6. It also improves safety and decreases noise generation. PA 6, 6 has found its way into automotive cooling systems, allowing the consolidation of several components that were once made up of aluminum and plastics. PA 6 6 is also worn in headlamp bezels. The rising need for lightweight material in the automotive industry to provide efficiency and design flexibility is primarily dependable for developing the polyamide market. The Ford Motor Company, a leading automobile manufacturer, released its quarter one result of 2021. It reported a world revenue of USD 36.2 Billion and a net worth of USD 3.3 Billion. The automobile sector is also witnessing a boom in the electric vehicle market, with buyer interest shifting from standard internal combustion engine vehicles to newer and more efficient electric cars and increased government subsidies on electric automobiles. Polyamides are an engineering material worn in parts externally and internally in a vehicle. Therefore its applications are not limited, similar to electric and conventional cars. Consequently, the use of Polyamides in the automobile industry is anticipated to grow and drive the market.

Asia-Pacific region is expected to be the chief in Polyamides production, with most of the consumption in countries like China and India. Due to China being the most broadly base for automobile production globally, and as evaluated by the China Association of Automobile Manufacturers or CAAM, the automobiles sales in China are expected to hit approximately 27 million in 2021, which is up by 6.7 percent year-on-year. Thus, with numerous automobiles manufactured daily, China satisfies its domestic need and caters to the international demand for vehicles. According to IBEF, an automobile manufacturer in India stood at 21.55 million vehicles in FY 20. Apart from the growing automobile sector, China, Japan, and South Korea are some of the biggest electronics manufacturers with Polyamides as specific components, thus raising the demand for Polyamides in the region. The broad applications of the product in the packaging industry across the world act as one of the major factors driving the growth. The increase in demand for polyamide in critical sectors such as machinery, packaging, automotive, textiles, electrical & electronics, and consumer goods and increase in electronic connectors and shielding material in conveyor systems and trays accelerate the market growth. Further, the retail sales of consumer goods increased by 23% year on year, with the first six months of 2021 adding USD 3.28 Trillion in total retail sales of consumer goods in China itself, adding to that, the consumer goods sector in India reached USD 52.75 Billion in FY18 and reached USD 103.7 Billion in 2020. Factors like these have made the Asia Pacific an important region for the global Polyamides market.

Some of the global market's key players are DuPont de Nemours, Celanese Corporation, DuPont de Nemours, Asahi Kasei Corporation, Ensinger Plastics, Mitsubishi Chemical, and Arkema SA.

In June 2021, Solvay SA launched its Bio Amni, a partially bio-based polyamide textile yarn produced entirely in Brazil's textile unit.

In April 2021, Arkema SA announced an opening date for its new bio-based polyamide 11 production plant in Singapore. The new plant will enhance the global polyamide 11 capacity of Arkema SA by 50%.

In February 2021, BASF SE introduced Ultramid, a high-temperature range polyamide with potential use in automobiles. Ultramid prevents galvanic corrosion on electrical components due to its chalcogenide- and metal-free stabilization.

Global Polyamides Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Polyamides market by segmenting based on the Product Type (Polyamide 6, Polyamide 66, Kevlar, Bio-Polyamides), Class (Aliphatic Polyamides, Semi-Aromatic and Aromatic Polyamides, Poly(p-phenylene terephthalamide), Application (Fibers, Wires and Cables, 3-D Printing, Others), End-User Industry (Automobile, Electrical and Electronics, Textile, Consumer Goods Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

## Contents

### 1. Executive Summary

### 2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

### 3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
  - 3.2.1 Drivers
  - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Regulatory Policies
- 3.6 Analysis of Covid-19 Impact

### 4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
  - 4.2.1 Competition in the Industry
  - 4.2.2 Potential of New Entrants into the Industry
  - 4.2.3 Bargaining Power of Suppliers
  - 4.2.4 Bargaining Power of Consumers
  - 4.2.5 Threat of substitute products

### 5. Market Segmentation & Forecast

- 5.1 By Type
  - 5.1.1 Polyamide 6
  - 5.1.2 Polyamide 66
  - 5.1.3 Kevlar
  - 5.1.4 Bio Polyamides
- 5.2 By Class
  - 5.2.1 Aliphatic Polyamides

5.2.2 Semi-Aromatic and Aromatic Polyamides

5.2.3 Poly(p-phenylene terephthalamide)

5.3 By Application

5.3.1 Fibers

5.3.2 Wires and Cables

5.3.3 3-D Printing

5.3.4 Others

5.4 By End-User Industry

5.4.1 Automotive

5.4.2 Electrical and Electronics

5.4.3 Textiles

5.4.4 Consumer Goods

5.4.5 Others

## **Regional Market Analysis**

6.1 North America

6.1.1 United States

6.1.2 Canada

6.1.3 Mexico

6.2 Europe

6.2.1 Germany

6.2.2 United Kingdom

6.2.3 Italy

6.2.4 France

6.2.5 Spain

6.2.6 Rest of Europe

6.3 Asia-Pacific

6.3.1 China

6.3.2 India

6.3.3 Japan

6.3.4 South Korea

6.3.5 Rest of Asia-Pacific

6.4 South America

6.4.1 Brazil

6.4.2 Argentina

6.4.3 Rest of South America

6.5 Middle East & Africa

6.5.1 South Africa

6.5.2 Saudi Arabia

### 6.5.3 Rest of Middle East & Africa

#### Company Profiles

le Nemours, Inc.

e Corporation

M N.V.

Co. Ltd.

n Ltd.

Basell N.V.

:

N

ni Chemical

N

& Voss & Co.

Plastics

Performance Materials LLC

pany

S.A.

Industries AG

Sei Corporation

*Companies is not exhaustive*

## **Competitive Landscape**

of Notable Players in the Market

Acquisition, JV, and Agreements

Market Share Analysis

Strategies of Key Players

## **Conclusions and Recommendations**



## List Of Tables

### LIST OF TABLES

Global Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

North America Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

United States Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Canada Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Mexico Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Europe Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

United Kingdom Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Germany Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Italy Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

France Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Other Supporting Charts

Rest of Europe Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

South America Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Brazil Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Argentina Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Rest of South America Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Asia-Pacific Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

China Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

India Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Japan Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

South Korea Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Rest of Asia-Pacific Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Middle East & Africa Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Saudi Arabia Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

South Africa Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

Rest of Middle-East & Africa Polyamides (PA) Market Size, Market Growth & Market Forecast Revenue (in USD million), 2017-2027

## I would like to order

Product name: Global Polyamides (PA) Market Outlook to 2027

Product link: <https://marketpublishers.com/r/G813624ECB1DEN.html>

Price: US\$ 4,490.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G813624ECB1DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970