

Polyamide Market by Type (Aliphatic Polyamides and Aromatic Polyamides), Application (Polyamide Fibers & Films and Engineering Plastics), and End-use Industry (Automotive, Electrical & Electronics, Textile, Construction, Packaging, Consumer Goods, and Others): Global Opportunity Analysis and Industry Forecast 2021–2028

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Abstracts

The global polyamide market was valued at \$26.7 billion in 2020, and is projected to reach \$40.6 billion by 2028, growing at a CAGR of 5.4% from 2021 to 2028.

Polyamide is a versatile polymer with strong demand in a variety of end-user industries, including automotive, textiles, electronics, equipment, packaging, and coatings. Polyamides can be found in nature in the form of wool and silk, among other things, and can also be manufactured artificially. The artificially manufactured polyamides include nylon, polyamide 6, and aramid. Wear resistance, strong mechanical qualities, low gas permeability, and chemical resistance are the characteristics of artificial polyamides. Bio-based polyamides are gaining popularity in the market owing to the environmentally benign character. Polyamide 6 is the most popular polyamide in terms of revenue and usage attributed to its low cost-to-performance ratio.

The polyamide market is predicted to be driven by the growing automotive industry in both developed and emerging countries. Automobile manufacturers prefer polyamides because of their good performance and inexpensive cost. Manufacturers are migrating to polyamides for diverse applications such as coatings and films due to the present spike in raw material prices in the automobile industry. Rise in the disposable income of the consumers, and increase in transportation activities around the world drive the

growth of the market. The market is likely to be driven by rise in demand from applications in the electronics and coatings industries. The electronics and coatings sector is being driven by an increase in construction activity and surge in population. Polyamide is an excellent choice for electrical and electronic applications because of its low cost of production and great performance parameters such as chemical and wear resistance and insulation. Strict government laws and regulations, on the other hand, prevent market expansion. However, rise in investment and new research and development in bio-based and specialty polyamides are expected to create major growth opportunities during the forecast period.

The global polyamide market is segmented on the basis of type, application, end-use industry, and region. By type, the market is classified into aliphatic polyamides and aromatic polyamides. By application, it is segmented into polyamide fibers & films and engineering plastics. By end-use industry, it is divided into automotive, electrical & electronics, textile, construction, packaging, consumer goods, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Some of the key players operating in the global polyamide market are Ascend Performance Materials LLC, Arkema SA, BASF SE, Evonik Industries AG, Gujarat State Fertilizers & Chemicals Limited (GSFC), Koch Industries, Lanxess, Mitsubishi Chemical Holdings, Radici Group, and Royal DSM.

KEY BENEFITS FOR STAKEHOLDERS

The report provides an extensive qualitative and quantitative analysis of the current trends and future estimations of the global polyamide market from 2021 to 2028 to determine the prevailing opportunities.

A comprehensive analysis of the factors that drive and restrict the growth of the market is provided.

Estimations and forecast are based on factors impacting the market growth, in terms of both value and volume.

Profiles of leading players operating in the market are provided to understand the global competitive scenario.

The report provides extensive qualitative insights on the significant segments and regions exhibiting favorable market growth.

KEY MARKET SEGMENTS

By Type

Aliphatic Polyamides

Aromatic Polyamides

By Application

Polyamide fibers & films

Engineering plastics

By End-use industry

Automotive

Electrical & electronics

Textile

Construction

Packaging

Consumer Goods

Others

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

KEY MARKET PLAYERS

Ascend Performance Materials LLC

Arkema SA

BASF SE

Evonik Industries AG

Gujarat State Fertilizers & Chemicals Limited (GSFC)

Koch Industries

Lanxess

Mitsubishi Chemical Holdings

Radici Group

Royal DSM

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