

Polyamide Market by Type (Polyamide 6, Polyamide 66, Bio-Based & Specialty polyamide), Application (Engineering Plastics, Fiber), and Region (North America, Europe, Asia Pacific, South America, Middle East & Africa) - Global Forecast to 2028

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Abstracts

The polyamide market is projected to grow from USD 43.8 billion in 2023 to USD 55.7 billion by 2028, at a CAGR of 4.9% from 2023 to 2028. The market for polyamide is witnessing growth across different regions. Asia Pacific is a prominent market due to the high demand for polyamide in the automotive sector. Middle East & Africa is estimated to be the fastest-growing market for polyamides in the forecast period.

“By type, polyamide 66 segment accounted for the second-largest share in the polyamide market in 2022.”

The polyamide 66 segment held the second-largest share in 2022 in terms of value. It is a tough thermoplastic formed from hexamethylenediamine and adipic acid. With excellent chemical resistance and easy molding capabilities, it's a versatile choice for many industries. Thus, the high mechanical properties, including high tensile strength and stiffness, make it well-suited for automotive components, electrical connectors, industrial machinery parts, and structural components. These factors are contributing to the growth of this segment.

“By application, the fiber segment accounted for the second-largest share in polyamide market in 2022.”

By volume, the fiber segment accounted for the second-largest share of polyamide market in 2022. Nylon fibers or polyamide fibers, are often used in textiles due to their

strength, durability, and elasticity. They resist stretch, maintain shape and color, and wick moisture, which makes them a top choice for clothing, industrial fabrics, carpets, and sportswear.

“The polyamide market in Europe accounted for the second-largest share in 2022.”

Europe was the second-largest consumer of polyamide in the world in 2022, in terms of value. Germany and Italy are the major markets in the region. Automobile companies in Europe have been giving special emphasis on lightweight automotive and emission control regulations. These are key drivers for the European polyamide market in the automotive sector.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 65%, Tier 2 – 20%, and Tier 3 – 15%

By Designation: C-level Executives – 25%, Directors – 30%, and Others – 45%

By Region: North America – 30%, Europe – 20%, Asia Pacific – 40%, Middle East & Africa – 7%, South America – 3%

The polyamide report is dominated by players, such as BASF SE (Germany), Celanese Corporation (US), Arkema (US), Asahi Kasei Corporation (Japan), Evonik Industries AG (Germany), Kuraray Co., Ltd. (Japan), Toray Industries, Inc. (Japan), Envalior (Germany), UBE Corporation (Japan), Formosa Chemicals & Fibre Corp. (Republic of China), SABIC (Saudi Arabia), Advansix (US), DuPont de Nemours, Inc. (US), Huntsman International LLC (US), EMS Grivory (Switzerland), DOMO Chemicals (Belgium), Ascend Performance Materials (US), Mitsubishi Chemical Advanced Materials (Switzerland), Invista (US), and RadiciGroup (Italy) among others.

Research Coverage:

The report defines, segments, and projects the size of the polyamide market based on type, application, and region. It strategically profiles the key players and comprehensively analyzes their market share and core competencies. It also tracks and analyzes competitive developments, such as joint ventures, collaborations, partnerships, new product launches, acquisitions, agreements, investments, and expansions undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them with the closest approximations of revenue numbers of the polyamide market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the competitive landscape of the market, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Increased usage in vehicles for weight reduction, Stringent growth in electrical & electronics applications), restraints (Growth in the number of substitutes used in various applications), opportunities (Investment and R&D in bio-based polyamide), and challenges (Fluctuating raw material prices, Environmental risk of using plastics) influencing the growth of the polyamide market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities in the polyamide market.

Market Development: Comprehensive information about lucrative markets – the report analyses the polyamide market across various regions.

Market Diversification: Exhaustive information about new products, various polyamide types, untapped geographies, recent developments, and investments in the polyamide market.

Competitive Assessment: In-depth assessment of market shares, growth strategies and product offerings of leading players such as BASF SE (Germany), Envalior (Germany), Celanese Corporation (US), Arkema (US), and Evonik Industries AG (Germany), among others in the polyamide market.

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