

Global Nylon 6 Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Summary

Nylon 6, is a polymer developed by Paul Schlack at IG Farben to reproduce the properties of nylon 6.6 without violating the patent on its production. It was given the trademark Perlon® in 1952.

Nylon 6 is the most common commercial grade of nylon. Nylon 6 is tough, possessing high tensile strength. Smaller diameters and thinner thickness sheets are produced by an extrusion process, while larger diameter and thicker sheets are produced by a casting process.

A lower melting point of 215oC gives Nylon 6 a slightly lower maximum working temperature of 170oC short term.

Nylon 6 is used in a broad range of products requiring materials of high strength. It is widely used for gears, fittings, and bearings, in automotive industry for under-the-hood parts, and as a material for power tools housings. It can also be used in gun frames, such as those used by Glock, which are made with a composite of Nylon 6 and other polymers.

According to APO Research, The global Nylon 6 market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Nylon 6 is estimated to increase from \$ million in 2024 to



reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Nylon 6 is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Nylon 6 is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Nylon 6 is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Nylon 6 include BASF SE, Honeywell, Royal DSM N.V, Lanxess, Clariant Corporation, Unitika, DOMO Chemicals, Firestone Textiles Company and Grupa Azoty, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Nylon 6 production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Nylon 6 by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Nylon 6, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Nylon 6, also provides the consumption of main regions and countries. Of the upcoming market potential for Nylon 6, and key regions or countries of focus to forecast this market into various segments and subsegments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Nylon 6 sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Nylon 6 market, and analysis of their competitive landscape and market



positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Nylon 6 sales, projected growth trends, production technology, application and end-user industry.

Nylon 6 segment by Company **BASF SE** Honeywell Royal DSM N.V Lanxess **Clariant Corporation** Unitika **DOMO Chemicals** Firestone Textiles Company **Grupa Azoty** LIBOLON Polymeric Resources Corporation (PRC) **UBE Ems-Grivory** Shakespeare



Nylon 6 segment by Type		
Standard Nylon 6		
Reinforced Nylon 6		
Nylon 6 segment by Application		
Automotive Industry		
Electronics & Electrical		
Packaging Industry		
Others		
Nylon 6 segment by Region		
North America		
U.S.		
Canada		
Europe		
Germany		
France		
U.K.		
Italy		
Russia		
Asia-Pacific		



	China	
	Japan	
	South Korea	
	India	
	Australia	
	China Taiwan	
	Indonesia	
	Thailand	
	Malaysia	
Latin America		
	Mexico	
	Brazil	
	Argentina	
Middle East & Africa		
	Turkey	
	Saudi Arabia	
	UAE	

Study Objectives

1. To analyze and research the global status and future forecast, involving, production,



value, consumption, growth rate (CAGR), market share, historical and forecast.

- 2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
- 3. To split the breakdown data by regions, type, manufacturers, and Application.
- 4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
- 5. To identify significant trends, drivers, influence factors in global and regions.
- 6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

- 1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Nylon 6 market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
- 2. This report will help stakeholders to understand the global industry status and trends of Nylon 6 and provides them with information on key market drivers, restraints, challenges, and opportunities.
- 3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
- 4. This report stays updated with novel technology integration, features, and the latest developments in the market.
- 5. This report helps stakeholders to gain insights into which regions to target globally.



- 6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Nylon 6.
- 7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Nylon 6 market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Nylon 6 industry.

Chapter 3: Detailed analysis of Nylon 6 market competition landscape. Including Nylon 6 manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Nylon 6 by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Nylon 6 in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development



prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.



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