

Global PA 3D printing filament Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global PA 3D printing filament market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

PA 3D printing filament is a common 3D printing material, also known as nylon. PA stands for the chemical name of polyamide. PA is a thermoplastic polymer with good strength, abrasion resistance and chemical stability. PA 3D printing filament has a wide range of applications in the field of 3D printing. Here are some important features and applications about PA 3D printing filament:

Strength and Durability: PA materials have excellent strength and durability, making them suitable for the manufacture of functional parts and engineering assemblies. It can withstand certain stress and impact, so it is widely used in applications that require high strength and durability.

Heat resistance: PA 3D printing filament has good heat resistance and can remain stable in high temperature environments. This makes it useful in applications that need to withstand high temperatures or have high thermal conductivity.

Chemical resistance: PA material has good chemical resistance and has good resistance to some solvents, chemicals and oils. This makes PA 3D printing filaments have potential applications in the manufacture of corrosion-resistant parts and chemical experimental devices.

Flexibility and wear resistance: PA materials have a certain degree of flexibility and elasticity, making them suitable for the manufacture of parts that need to be bent, twisted or folded. In addition, it has excellent wear resistance and is able to resist



abrasion and abrasion.

PA 3D printing filaments are widely used in aerospace, automotive, medical, consumer goods and industrial manufacturing. It can be used to manufacture mechanical parts, fixtures, gears, conduits, threaded connections, wear parts and functional prototypes. Due to the combination of various properties of PA material, it offers many application possibilities in various industries.

This report studies the global PA 3D printing filament production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PA 3D printing filament, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of PA 3D printing filament that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PA 3D printing filament total production and demand, 2018-2029, (Tons)

Global PA 3D printing filament total production value, 2018-2029, (USD Million)

Global PA 3D printing filament production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global PA 3D printing filament consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: PA 3D printing filament domestic production, consumption, key domestic manufacturers and share

Global PA 3D printing filament production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global PA 3D printing filament production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global PA 3D printing filament production by Application production, value, CAGR,



2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global PA 3D printing filament market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Jabil Inc., LulzBot, TreedFilaments, 3DXtech, Ultimaker, ROBOZE, GEHR Kunststoffwerk, Volumic and FILOALFA, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World PA 3D printing filament market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global PA 3D printing filament Market, By Region:

United States China Europe Japan South Korea ASEAN India Rest of World



Global PA 3D printing filament Market, Segmentation by Type

1.75mm

2.85mm

Other

Global PA 3D printing filament Market, Segmentation by Application

Aerospace Medical Automobile

Industrial

Consumer Products

Other

Companies Profiled:

Jabil Inc.

LulzBot

TreedFilaments

3DXtech

Ultimaker

ROBOZE



GEHR Kunststoffwerk

Volumic

FILOALFA

FormFutura

eMotionTech

3D platform

dddrop

AzureFilm d.o.o.

ColorFabb

BCN3D

Dremel

SparkFun Electronics

voxeljet AG

Shenzhen Hello 3D Technology Co., Ltd.

Polymaker

Key Questions Answered

1. How big is the global PA 3D printing filament market?

2. What is the demand of the global PA 3D printing filament market?

3. What is the year over year growth of the global PA 3D printing filament market?



4. What is the production and production value of the global PA 3D printing filament market?

5. Who are the key producers in the global PA 3D printing filament market?

6. What are the growth factors driving the market demand?



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