3D Printing Filament Market Analysis, Revenue Share, Company Profiles, Launches, & Forecast Till 2028

The 3D Printing Filament Market is estimated to reach USD USD 14.49 Billion by 2028, according to a new report by Reports and Data.

Reports And Data

NEW YORK CITY, NY, UNITED STATES, October 8, 2021 /EINPresswire.com/ -- The global 3D Printing Filament market research report published by Reports and Data is an investigative study that provides an industry-wide analysis of the current and emerging growth trends, end-use analysis, and other key data verified and validated by industry experts and professionals. The report covers detailed analysis about market size, market share, revenue growth, and CAGR over the forecast period. The report is furnished with the initial and future assessment of the pandemic on the industry and offers a futuristic outlook of a post-COVID-19 scenario.

One of the main element for the thermoplastic feedstock for fused deposition modeling 3D printers is the 3D printing filament. It encourages manufacturers to develop multi-property materials for 3D printing filament by extruding, heating, and cooling materials such as metals, plastics, or ceramics to convert nurdles into the finished product. The increasing adoption of 3D printing technology has facilitated the use of advanced filament material for printing. For example, Stratasys, Ltd. launched Antero 800NA in 2018, a PEKK-based material used in the FDM process. This product focuses mainly on the aerospace parts and high-performance vehicle enterprises. This product improves the 3D materials product portfolio of Stratasys in commercial purposes.

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Accelerated prototyping is being broadly accepted as a technology for product design, prototyping, product sampling, and concept modeling to the final steps of manufacturing, thereby increasing the growth of the 3D Printing Filament market. 3D printing is considered as one of the most significant disruptive technologies of this century, shifting from prototyping to a

potential production process across several industries. 3D printing is anticipated to have a positive influence on several end-use industries, such as automotive, healthcare, and aerospace & defense, and consumer goods.

The market in the North America region accounts for the largest share of 31.3% of the market in 2018. The presence of large organized players in this region contributes to the large share. These organizations are stimulating their attempts to be in line with market trends. Metal powder producers and suppliers are spending in capacity developments to match the growing demand from their end-users.

The Key players in the 3D Printing Filament Market include BASF 3D Printing Solutions GmbH, Arkema S.A., Höganäs AB, D Systems Corporation, The Exone Company, Royal Dsm N.V., Stratasys, Ltd., EOS GmbH Electro Optical Systems, Sandvik AB, Materialise NV, Evonik Industries AG, Dowdupont Inc., Oxford Performance Materials.

The report is an extensive study of the key elements of the industry such as market segmentations, economic scenario, competition landscape, industrial chain analysis, upstream raw materials and downstream buyers, and macro- and micro-economic factors. It further studies the impact on regional and country-level industry, segmentation growth, market share, changes in the competitive landscape, sales and impact on the domestic players.

Growing demand for cosmetics and personal care products such as soaps, increasing need for high-quality pesticides and agriculture chemicals, and rising demand for raw materials from various end-use industries such as automotive, building and construction, and packaging, among others have significantly contributed to revenue growth of the market. Increasing number of manufacturers, producers, and companies in the market is also a key factor driving market growth.

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Further key findings from the report suggest
The 3D Printing Filament Market is estimated to reach USD 14.49 Billion by 2028, at a CAGR of 26.8% during the forecast period.

The plastic material segment accounts for the largest share of 36.7% of the market in 2018.

The medical and dental end user segment is anticipated to grow at the highest rate of 27.5% during the forecast period. Several factors, like the advancement in technology and development in the healthcare infrastructure impact global 3D printing in the healthcare segment.

The aerospace and defense end user segment is anticipated to grow at a CAGR of 26.9% during the forecast period.

The Asia Pacific region is anticipated to grow at the highest CAGR of 27.2% during the forecast period. The 3D Printing Filament Market is anticipated to witness increasing demand from India, China, and other countries of the Asia Pacific region. The augmentation of consumer products, automotive, healthcare, and other enterprises across the countries in the region will facilitate the market to achieve momentum during the forecast period.

The market in this region is forecast to witness escalating demand for polymers due to the rising demand for desktop printers.

Significant key trend of the 3D Printing Filament Market is business expansion. Several companies are building R&D as well as material production machines, serving to further the industrialization of the technology.

For example, ESUN collaborated with a provider of 3D printers and services Sindoh in Korea on June 2018. Esun assisted Sindoh in the distribution and marketing of Sindoh's 3D printers in the Chinese market in trade for selling its eSun filaments. This collaboration supported both the companies in increasing their foothold towards the untapped market in Korea.

Various players are developing strategies to mark their presence in the industry.

For the purpose of this study, Reports and Data have segmented the market on the basis of Form, Material, End Users, Application, and region:
Material Outlook (Volume, Kilo Tons; and Revenue, USD Million; 2018-2028)
Plastic

Metal

Ceramic

End Users Outlook (Volume, Kilo Tons; and Revenue, USD Million; 2018-2028)
Aerospace & Defense Medical

Medical & Dental

Automotive

Consumer electronics

Others

Application Outlook (Volume, Kilo Tons; and Revenue, USD Million; 2018-2028)
Manufacturing

Prototyping

Others

Regional Outlook (Volume, Kilo Tons; and Revenue, USD Million; 2018-2028)
North America

Europe

Asia Pacific

Latin America

Middle East & Africa

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