

3D Printing Filament Market by Type (Plastics, Metals, Ceramics), End-Use Industry (Aerospace & Defense, Medical & Dental, Automotive, Electronics), Region (North America, Europe, Asia Pacific, MEA, South America) - Global Forecast to 2025

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Abstracts

The 3D printing filament market is projected to grow at a CAGR of 28.1% between 2020 and 2025

The 3D printing filament market is estimated at USD 739 million in 2020 and is projected to reach USD 2,552 million by 2025, at a CAGR of 28.1% from 2020 to 2025. Rising demand for mass customization across the end-use industries has been the major driver for the growth of the 3D printing filament market in order to provide easy production of complex geometries. In addition, high demand for 3D printing filaments in medical industry due to outbreak of COVID-19 is anticipated to fuel the growth of 3D printing filaments in the medical & dental segment.

Metals segment is projected to grow at the highest CAGR in the 3D printing filament market between 2020 and 2025

Metals segment is projected to be the fastest growing type in the 3D printing filament market during the forecast period. Various metals such as titanium, stainless steel, and aluminum are widely used in printing complex structures for prototyping and manufacturing objects for industries such as aerospace and automotive. Properties such as high material strength along with resistance high temperature and lightweight are the factors fueling the adoption of metals in the 3D printing filament market. The adoption of metal materials in the 3D printing filament market stage. With increasingly demand for metal materials from end-use industries in developed

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countries, the metals segment is expected to grow at a rapid pace during the forecast period.

Aerospace & defense segment contributed to the highest consumption in the 3D printing filament market

The aerospace & defense segment is estimated to lead the 3D printing filament market in 2020, due to rising demand for plastic- and metal-based 3D printing filament for the production of aerospace components and parts. Aerospace was the early adopter of additive manufacturing along with investments in 3D printing technology, printers, and materials. The aerospace industry uses additive manufacturing for the mass customization of its production. 3D printing filaments are widely used in the aerospace & defense industry to produce intricate components and parts as these are more resilient and lightweight compared to those made using traditional techniques. The 3D printing technology enables the manufacture of complex parts, such as jet wings, engine parts, space telescopes, metal guns, and rocket parts more efficiently as compared to conventional methods.

Based on the region, Asia Pacific is projected to grow at the highest CAGR in the 3D printing filament market between 2020 and 2025

The 3D printing filament market in the Asia Pacific region is projected to grow at the highest CAGR between 2020 and 2025. China accounted for the major share of the global 3D printing filament market in 2019, which is driving the growth of the Asia Pacific region. China, Japan, and South Korea are the lucrative markets for 3D printing filament in the Asia Pacific region during the forecast period. The growth can be attributed to increasing demand for 3D printing filament from the region's aerospace, medical, and automotive industries, particularly in China and Japan.

Breakdown of primary interviews for the report on the 3D printing filament market

By Company Type – Tier 1 – 30%, Tier 2 –50%, and Tier 3 – 20%

By Designation – C-Level – 20%, D-Level Executives – 30%, and Others – 50%

By Region – Europe – 40%, Asia Pacific – 30%, North America – 20%, Rest of the World – 10%



The leading manufacturers of 3D printing filament profiled in this report include Stratasys Ltd. (US), 3D Systems Corporation (US), Koninklijke DSM N.V. (Netherlands), Materialise NV (Belgium), Evonik Industries AG (Germany), Arkema SA (France), Saudi Basic Industries Corporation (SABIC) (Saudi Arabia), DuPont de Nemours, Inc. (US), BASF 3D Printing Solutions GmbH (Germany), HP Inc. (US), EOS GmbH - Electro Optical Systems (Germany), Shenzhen Esun Industrial Co., Ltd. (China), CRP Technology S.r.I. (Italy), EnvisionTEC GmbH (Germany), Oxford Performance Materials, Inc. (US), and MG Chemicals (Canada), among others.

Research Coverage

The report covers the 3D printing filament market by type (plastics, metals, ceramics, and others), by end-use industry (aerospace & defense, medical & dental, automotive, electronics, and others), and by region. The further breakdown of the type segment by materials includes plastics (ABS, PLA, TPE, PA, photopolymers, and others), metals (titanium, aluminum, stainless steel, nickel, and others), and ceramics (glass, fused silica, quartz, and others). The study aims at estimating the size and future growth potential of the market across various segments. It also includes an in-depth competitive analysis of the key market players, along with their profiles and key growth strategies.

Key Benefits of Buying the Report

From an insight perspective, this report focuses on various levels of analyses, such as industry analysis (industry trends) and company profiles. With these insights, the study discusses the basic views on the competitive landscape, emerging & high-growth segments, high-growth regions, drivers, restraints, opportunities, and challenges in the 3D printing filament market.

The report provides insights on the following:

Market Penetration: Comprehensive information on various products of 3D printing filament offered by top players operating in the market

Product Development/Innovation: Detailed insights into upcoming developments in the 3D printing filament market, R&D activities, and new applications in various end-use industries in the market

Market Development: Comprehensive information about lucrative and emerging



markets across different regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the 3D printing filament market

Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of leading players in the 3D printing filament market



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SNAPSHOT

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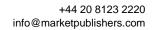


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3D Printing Filament Market by Type (Plastics, Metals, Ceramics), End-Use Industry (Aerospace & Defense, Medic...



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