

Global 3D Printing Materials Market Size study & Forecast, by Material Type (Plastics, Ceramics, Metals, and Other Material Types), by Form (Powder, Filament, and Liquid), by End-Use (Automotive, Medical, Aerospace and Defense, Consumer Electronics, and Other End-user Industries), and Regional Analysis, 2022-2029

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Abstracts

Global 3D Printing Materials Market is valued at approximately USD 2.17 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 19.32 % over the forecast period 2022-2029. In the automotive sector, 3D printing materials are widely employed to create scaled models for testing. In addition, they are employed in the manufacture of parts like bellows, front bumpers, air conditioning ducting, suspension wishbones, dashboard interfaces, alternator mounting brackets, battery covers, etc. Rapid prototyping using 3D printing is being done by auto OEM manufacturers. Growing use in manufacturing applications, mass customization related to 3D printing, and government assistance for R&D are some of the reasons that are boosting the market.

Due to its ability to cut operational costs and time while enabling mass manufacturing of items, 3D printing is employed in a variety of sectors all over the world. The adoption of 3D printing technology in many industries is being supported by actions being taken by the governments of numerous nations worldwide. For example, the UK government announced an investment of roughly USD 150 million in the Advanced Manufacturing Research Centre in Rotherham and Sheffield and the Nuclear Advanced Manufacturing Research Centre in Rotherham in 2018.. Also, the People's Republic of China's Ministry of Finance published a notice in April 2020 outlining strategies for promoting financial subsidies for brand-new electric automobiles. It specified that the car purchase tax

would not apply to new EVs acquired between January 1 and December 31, 2022. Consequently, the acceptance of 3D printing materials is a result of the expansion of the automotive sector. However, high capital investment requirement stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global 3D Printing Materials Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to rising demand from various end-use industries such as consumer goods, automotives, construction and more. Whereas North America is expected to grow with the highest CAGR during the forecast period, owing to factors such as expansion of key players, and active participation in the adoption of 3D materials in the market space.

Major market players included in this report are:

3D Systems Inc

Arkema

Covestro AG

CRP TECHNOLOGY S.r.l.

CRS Holdings Inc. (LPW Technology Ltd)

Envisiontec Inc.

EOS

General Electric

H?gan?s AB

Sandvik AB

Recent Developments in the Market:

In February 2021, Arkema participate in Rapid + TCT 2021 as an exhibitor. The company expanded the client base of its product range by offering 3D Printing Materials for UV-curing Applications, such as N3D-TOUGH 784 (High Strength Material), HT-511 (Tough High-Temperature Resin), DMT-303 (Performance Resin), and LF-053 (Acrylic SLA Resin).

In June 2021, Covestro AG in corporation with Nexeo Plastics announced the development of a new PC/ABS filament for 3D printing. The company would offer this product through a Nexeo Plastics' distribution platform.

Global 3D Printing Materials Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Material Type, Form, End-Use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Material End Use offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material End Use:

Plastics

Ceramics

Metals

Other Material Types

By Form:

Powder

Filament

Liquid

By End-Use:

Automotive

Medical

Aerospace and Defense

Consumer Electronics

Other End-user Industries

By Region:

North America

U.S.

Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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