

# **3D Printing Plastics Market, 2027- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027 Segmented Type (Photopolymers, ABS, PLA, Polyamide, and Others), By Form (Powder, Filament, and Liquid), By Application (Prototyping, Manufacturing, Others), By End User Industry (Healthcare, Aerospace & Defense, Automotive, Consumer Goods, and Others), By Company and By Region**

<https://marketpublishers.com/r/340FBA4026FEEN.html>

Date: December 2022

Pages: 114

Price: US\$ 4,900.00 (Single User License)

ID: 340FBA4026FEEN

## **Abstracts**

Global 3D Printing Plastics Market is anticipated to upsurge at an impressive rate through 2027. 3D printing is an additive fabrication process in which a physical object is conceived from a digital model by printing thin layers of material and then blending them collectively. 3D printing plastic is made of malleable synthetic or semi-synthetic compounds that have excellent heat resistance, impact confrontation, chemical resistance, and rigidity. 3D printing help manufacturer by lowering costs, less waste, lessening time, competitive advantage, fewer human errors, and higher production rate making the 3D printing technique more demanded in industries. 3D printing techniques are capable of building complex designs in a short period, leading to capturing a significant market share in the future.

Furthermore, the growing demand from Healthcare, Aerospace & Defense, Automotive, Consumer Goods, construction, decoration, jewelry, and Others are the crucial factors that propel the market's growth. Additionally, Government regulations on trade and export, increasing investment in research & development, and organizational efforts are the key factor responsible for market growth. People's trends toward opting the new

technology for maximizing profit are boosting the market.

### Growing Demand from Medical Sector Worldwide is Driving the Market

The 3D printer has sorted various medical circumstances, which were very difficult to perform in standard cases. 3D printed prostheses, new innovative workflow for ankle foot orthoses, Bioprinting, Tissue Engineering, 3D Printed Organs, and Beyond are medical applications that are transforming the sector.

Growing awareness about the 3D printer worldwide owing to its characteristics and application is a significant component of the market's current development. The report published in 2022 stated that the global 3D printing plastic market is estimated to be nearly 27000 metric tons in 2023 as per volume worldwide. Thus, it will directly impact the growth of the 3D printing plastic market in the forecasted period.

### Environmental Risk by 3D-Printed Plastic Product is Hindering the Market Growth.

The growing 3D printing plastics market led to increased consumption of 3D printing plastics made primarily of plastic grade material. As plastic harms the environment, policies related to ban of plastic can hinder the growth of the 3D printing plastics market. Apart from these, the higher manufacturing cost are restraints to the growth of the product.

### Ongoing Technological Advancements for Bio-Based Grade Polymer are Driving Growth

Ongoing research and development activities worldwide are driving it towards sustainable development. These situations will lead to demand for bio-degradable substitutes like PLA (polylactide), the standard example of biodegradable plastic. As technology and application are emerging, there is a significant chance of an opportunity for the market player to acquire a considerable market share.

### Market Segmentation

The Global 3D Printing Plastics Market is segmented based on type, form, application, and end-user industries. Based on type, market is divided into photopolymers, ABS, PLA, polyamide, and others. Based on form, market is divided into powder, filament, and liquid. Based on application, market is divided into prototyping, manufacturing, and others. Based on end-user industries, market is divided into healthcare, aerospace &

defense, automotive, consumer goods, and others.

## Market Players

The BASF SE, 3D Systems Corporation, Stratasys, Inc., Arkema S.A., Solvay S.A., Henkel AG, Covestro AG, Evonik Industries AG, Saudi Basic Industries Corporation, DuPont de Nemours, Inc. are the key players operating in the Global 3D Printing Plastics Market.

## Report Scope:

In this report, global 3D printing plastics market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### 3D Printing Plastics Market, By type:

Photopolymers

ABS

PLA

Polyamide

Others

### 3D Printing Plastics Market, By form:

Powder

Filament

Liquid

### 3D Printing Plastics Market, By application:

Prototyping

Manufacturing

Others

3D Printing Plastics Market, By end user industry:

Healthcare

Aerospace & Defense

Automotive

Consumer Goods

Others

3D Printing Plastics Market, By region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

Australia

South Korea

Europe & CIS

Germany

France

United Kingdom

Spain

Italy

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive landscape

Company Profiles: Detailed analysis of the major companies present in global 3D printing plastics market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

### 2. RESEARCH METHODOLOGY

### 3. EXECUTIVE SUMMARY

### 4. IMPACT OF COVID-19 ON GLOBAL 3D PRINTING PLASTICS MARKET

### 5. VOICE OF CUSTOMER

### 6. GLOBAL 3D PRINTING PLASTICS MARKET OUTLOOK

#### 6.1. Market Size & Forecast

##### 6.1.1. By Value & Volume

#### 6.2. Market Share & Forecast

##### 6.2.1. By Type (Photopolymers, ABS, PLA, Polyamide, Others)

##### 6.2.2. By Form (Powder, Filament, Liquid)

##### 6.2.3. By Application (Prototyping, Manufacturing, Others)

##### 6.2.4. By End User Industry (Healthcare, Aerospace & Defense, Automotive, Consumer Goods, Others)

##### 6.2.5. By Region

##### 6.2.6. By Company (2021)

#### 6.3. Product Market Map

### 7. NORTH AMERICA 3D PRINTING PLASTICS MARKET OUTLOOK

#### 7.1. Market Size & Forecast

##### 7.1.1. By Value & Volume

#### 7.2. Market Share & Forecast

##### 7.2.1. By Type

##### 7.2.2. By Form

##### 7.2.3. By Application

##### 7.2.4. By End User Industry

##### 7.2.5. By Country

#### 7.3. North America: Country Analysis

##### 7.3.1. United States 3D Printing Plastics Market Outlook

##### 7.3.1.1. Market Size & Forecast

- 7.3.1.1.1. By Value & Volume
- 7.3.1.2. Market Share & Forecast
  - 7.3.1.2.1. By Type
  - 7.3.1.2.2. By Form
  - 7.3.1.2.3. By Application
  - 7.3.1.2.4. By End User Industry
- 7.3.2. Mexico 3D Printing Plastics Market Outlook
  - 7.3.2.1. Market Size & Forecast
    - 7.3.2.1.1. By Value & Volume
  - 7.3.2.2. Market Share & Forecast
    - 7.3.2.2.1. By Type
    - 7.3.2.2.2. By Form
    - 7.3.2.2.3. By Application
    - 7.3.2.2.4. By End User Industry
- 7.3.3. Canada 3D Printing Plastics Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value & Volume
  - 7.3.3.2. Market Share & Forecast
    - 7.3.3.2.1. By Type
    - 7.3.3.2.2. By Form
    - 7.3.3.2.3. By Application
    - 7.3.3.2.4. By End User Industry

## **8. EUROPE 3D PRINTING PLASTICS MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
  - 8.2.1. By Type
  - 8.2.2. By Form
  - 8.2.3. By Application
  - 8.2.4. By End User Industry
  - 8.2.5. By Country
- 8.3. Europe: Country Analysis
  - 8.3.1. France 3D Printing Plastics Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value & Volume
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Type



- 8.3.1.2.2. By Form
- 8.3.1.2.3. By Application
- 8.3.1.2.4. By End User Industry
- 8.3.2. Germany 3D Printing Plastics Market Outlook
  - 8.3.2.1. Market Size & Forecast
    - 8.3.2.1.1. By Value & Volume
  - 8.3.2.2. Market Share & Forecast
    - 8.3.2.2.1. By Type
    - 8.3.2.2.2. By Form
    - 8.3.2.2.3. By Application
    - 8.3.2.2.4. By End User Industry
- 8.3.3. United Kingdom 3D Printing Plastics Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value & Volume
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Type
    - 8.3.3.2.2. By Form
    - 8.3.3.2.3. By Application
    - 8.3.3.2.4. By End User Industry
- 8.3.4. Italy 3D Printing Plastics Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value & Volume
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Type
    - 8.3.4.2.2. By Form
    - 8.3.4.2.3. By Application
    - 8.3.4.2.4. By End User Industry
- 8.3.5. Spain 3D Printing Plastics Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value & Volume
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Type
    - 8.3.5.2.2. By Form
    - 8.3.5.2.3. By Application
    - 8.3.5.2.4. By End User Industry

## **9. ASIA-PACIFIC 3D PRINTING PLASTICS MARKET OUTLOOK**

### **9.1. Market Size & Forecast**

- 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
  - 9.2.1. By Type
  - 9.2.2. By Form
  - 9.2.3. By Application
  - 9.2.4. By End User Industry
  - 9.2.5. By Country
- 9.3. Asia-Pacific: Country Analysis
  - 9.3.1. China 3D Printing Plastics Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value & Volume
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Type
      - 9.3.1.2.2. By Form
      - 9.3.1.2.3. By Application
      - 9.3.1.2.4. By End User Industry
  - 9.3.2. India 3D Printing Plastics Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value & Volume
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Type
      - 9.3.2.2.2. By Form
      - 9.3.2.2.3. By Application
      - 9.3.2.2.4. By End User Industry
  - 9.3.3. South Korea 3D Printing Plastics Market Outlook
    - 9.3.3.1. Market Size & Forecast
      - 9.3.3.1.1. By Value & Volume
    - 9.3.3.2. Market Share & Forecast
      - 9.3.3.2.1. By Type
      - 9.3.3.2.2. By Form
      - 9.3.3.2.3. By Application
      - 9.3.3.2.4. By End User Industry
  - 9.3.4. Japan 3D Printing Plastics Market Outlook
    - 9.3.4.1. Market Size & Forecast
      - 9.3.4.1.1. By Value & Volume
    - 9.3.4.2. Market Share & Forecast
      - 9.3.4.2.1. By Type
      - 9.3.4.2.2. By Form
      - 9.3.4.2.3. By Application

- 9.3.4.2.4. By End User Industry
- 9.3.5. Australia 3D Printing Plastics Market Outlook
  - 9.3.5.1. Market Size & Forecast
    - 9.3.5.1.1. By Value & Volume
  - 9.3.5.2. Market Share & Forecast
    - 9.3.5.2.1. By Type
    - 9.3.5.2.2. By Form
    - 9.3.5.2.3. By Application
    - 9.3.5.2.4. By End User Industry

## **10. SOUTH AMERICA 3D PRINTING PLASTICS MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
  - 10.2.1. By Type
  - 10.2.2. By Form
  - 10.2.3. By Application
  - 10.2.4. By End User Industry
  - 10.2.5. By Country
- 10.3. South America: Country Analysis
  - 10.3.1. Brazil 3D Printing Plastics Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value & Volume
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Type
      - 10.3.1.2.2. By Form
      - 10.3.1.2.3. By Application
      - 10.3.1.2.4. By End User Industry
  - 10.3.2. Argentina 3D Printing Plastics Market Outlook
    - 10.3.2.1. Market Size & Forecast
      - 10.3.2.1.1. By Value & Volume
    - 10.3.2.2. Market Share & Forecast
      - 10.3.2.2.1. By Type
      - 10.3.2.2.2. By Form
      - 10.3.2.2.3. By Application
      - 10.3.2.2.4. By End User Industry
  - 10.3.3. Colombia 3D Printing Plastics Market Outlook
    - 10.3.3.1. Market Size & Forecast

- 10.3.3.1.1. By Value & Volume
- 10.3.3.2. Market Share & Forecast
  - 10.3.3.2.1. By Type
  - 10.3.3.2.2. By Form
  - 10.3.3.2.3. By Application
  - 10.3.3.2.4. By End User Industry

## **11. MIDDLE EAST AND AFRICA 3D PRINTING PLASTICS MARKET OUTLOOK**

- 11.1. Market Size & Forecast
  - 11.1.1. By Value & Volume
- 11.2. Market Share & Forecast
  - 11.2.1. By Type
  - 11.2.2. By Form
  - 11.2.3. By Application
  - 11.2.4. By End User Industry
  - 11.2.5. By Country
- 11.3. MEA: Country Analysis
  - 11.3.1. South Africa 3D Printing Plastics Market Outlook
    - 11.3.1.1. Market Size & Forecast
      - 11.3.1.1.1. By Value & Volume
    - 11.3.1.2. Market Share & Forecast
      - 11.3.1.2.1. By Type
      - 11.3.1.2.2. By Form
      - 11.3.1.2.3. By Application
      - 11.3.1.2.4. By End User Industry
  - 11.3.2. Saudi Arabia 3D Printing Plastics Market Outlook
    - 11.3.2.1. Market Size & Forecast
      - 11.3.2.1.1. By Value & Volume
    - 11.3.2.2. Market Share & Forecast
      - 11.3.2.2.1. By Type
      - 11.3.2.2.2. By Form
      - 11.3.2.2.3. By Application
      - 11.3.2.2.4. By End User Industry
  - 11.3.3. UAE 3D Printing Plastics Market Outlook
    - 11.3.3.1. Market Size & Forecast
      - 11.3.3.1.1. By Value & Volume
    - 11.3.3.2. Market Share & Forecast
      - 11.3.3.2.1. By Type

- 11.3.3.2.2. By Form
- 11.3.3.2.3. By Application
- 11.3.3.2.4. By End User Industry

## **12. MARKET DYNAMICS**

- 12.1. Drivers
- 12.2. Challenges

## **13. MARKET TRENDS & DEVELOPMENTS**

## **14. COMPETITIVE LANDSCAPE**

- 14.1. BASF SE
  - 14.2. 3D Systems Corporation
  - 14.3. Stratasys, Inc.
  - 14.4. Arkema S.A.
  - 14.5. Solvay S.A.
  - 14.6. Henkel AG
  - 14.7. Covestro AG
  - 14.8. Evonik Industries AG
  - 14.9. Saudi Basic Industries Corporation
  - 14.10. DuPont de Nemours, Inc.
- Strategic Recommendations

## I would like to order

Product name: 3D Printing Plastics Market, 2027- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027 Segmented Type (Photopolymers, ABS, PLA, Polyamide, and Others), By Form (Powder, Filament, and Liquid), By Application (Prototyping, Manufacturing, Others), By End User Industry (Healthcare, Aerospace & Defense, Automotive, Consumer Goods, and Others), By Company and By Region

Product link: <https://marketpublishers.com/r/340FBA4026FEEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/340FBA4026FEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970