

# Technology Landscape, Trends and Opportunities in 3D Printing Material Market

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## Abstracts

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### 3D Printing Material Market Trends and Forecast

The 3D printing material market has undergone significant change in recent years, with 3D printing materials evolving from thermoplastics and photopolymers to environment friendly 3D printing materials. The rising wave of 3D additive manufacturing is creating huge potential for new 3D printing material applications and driving demand for 3D printing material/systems. Lucintel study finds that the total 3D printing market size is projected to reach \$2.8 billion by 2030 with a CAGR of 22.5% over the forecast period.

### Emerging Trends in the 3D Printing Material Market

Emerging technology trends, which have a direct impact on the dynamics of the industry, include combining different materials in one 3D printer, custom printing for the medical industry and bio-printing, and increasing use of metal 3D printing.

### 3D Printing Material Market by Segment

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the 3D printing material technology market. The study includes trends and forecast for the technology trends in the global 3D printing material market by end use industry, material technology, and region as follows:

## Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

3D Printing Material Market Trend and Forecast by Material Technology [Volume (Tons) and \$M shipment analysis for 2018 – 2030]:

Photopolymers

Thermoplastics

Metals

Ceramics

Others

3D Printing Material Market Trends and Forecasts by End Use Industry [Volume (Tons) and \$M shipment analysis for 2018 – 2030]:

Automotive

Photopolymers

Thermoplastics

Metals

Ceramics

Others

Consumer Goods

Photopolymers

Thermoplastics

Metals

Ceramics

Others

Medical

Photopolymers

Thermoplastics

Metals

Ceramics

Others

Aerospace

Photopolymers

Thermoplastics

Metals

Ceramics

Others

Others

Photopolymers

Thermoplastics

Metals

Ceramics

Others

3D Printing Material Market by Region [Volume (Tons) and \$M shipment analysis for 2018 – 2030]:

North America

Europe

Asia Pacific

The Rest of the World

Latest Developments and Innovations in the Lithium-ion Battery Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

List of 3D Printing Material Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies 3D printing material companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the 3D printing material companies profiled in this report includes.

Stratasys

3D Systems

The ExOne Company

EOS

EnvisionTech

## 3D Printing Material Market Insight

Photopolymers is the largest segment of the global 3D printing material market, and it is growing at an above average growth. Thermoplastics and photopolymers are the best technologies on the basis of build time and part complexity. In terms of cost and ease of application, thermoplastics are much better than other material technologies.

Innovation in 3D printing material technology, increasing spending on research and development, ease of manufacturing of custom products, rapid product development at low cost, and reduced material wastage are the major drivers of the 3D printing material market.

## FAQ

Q1. What is the 3D printing material market size?

Answer: The global 3D printing material market is expected to reach an estimated \$2.8 billion by 2030.

Q2. What is the growth forecast for 3D printing material market?

Answer: The global 3D printing material market is expected to grow with a CAGR of 22.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the 3D printing material market?

Answer: Innovation in 3D printing material technology, increasing spending on research and development, ease of manufacturing of custom products, rapid product development at low cost, and reduced material wastage are the major drivers of the 3D printing material market.

Q4. What are the major applications or end use industries for 3D printing material?

Answer:Automotive, consumer goods, medical, and aerospace are the major end use industries for 3D printing material.

Q5. What are the emerging trends in 3D printing material market?

Answer:Emerging technology trends, which have a direct impact on the dynamics of the industry, include combining different materials in one 3D printer, custom printing for the medical industry and bio-printing, and increasing use of metal 3D printing

Q6. Wh%li%are the key 3D printing material companies?

Answer:Some of the key 3D printing material companies are as follows:

Stratasys

3D Systems

The ExOne Company

EOS

EnvisionTech

Q7.Which 3D printing material product/material segment will be the largest in future?

Answer: Photopolymers is the largest material technology segment of the 3D printing material market, and it is growing at an above average growth.

Q8: In 3D printing material market, which region is expected t%li%be the largest in next 5 years?

Answer:Asia Pacific is expected t%li%become the largest region in next 5 years

Q9. D%li%we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

## Features of 3D Printing Material Market

**Market Size Estimates:** 3D printing material market size estimation in terms of value (\$M) and volume (kilotons) shipment.

**Trend and Forecast Analysis:** Market trend (2018-2023) and forecast (2024-2030) by technologies, and end use industry.

**Segmentation Analysis:** Technology trends in the global 3D printing material market size by various segments, such as technology and end use industry, in terms of value and volume shipments.

**Regional Analysis:** Technology trends in the global 3D printing material market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different end use industries, technologies, and regions for technology trends in the global 3D printing material market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for technology trends in the global 3D printing material market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following 11 key questions

Q.1. What are some of the most promising potential, high-growth opportunities for the technology trends in the global 3D printing material market by end use industry (automotive, consumer goods, medical, aerospace, and others), material technology (photopolymers, thermoplastics, metals, ceramics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which technology segments will grow at a faster pace and why?

Q.3. Which regions will grow at a faster pace and why?

Q.4. What are the key factors affecting dynamics of different material technologies? What are the drivers and challenges of these material technologies in the global 3D printing material market?

Q.5. What are the business risks and threats to the technology trends in the global 3D printing material market?

Q.6. What are the emerging trends in these material technologies in the global 3D printing material market and the reasons behind them?

Q.7. Which technologies have potential of disruption in this market?

Q.8. What are the new developments in the technology trends in the global 3D printing material market? Which companies are leading these developments?

Q.9. Who are the major players in technology trends in the global 3D printing material market? What strategic initiatives are being implemented by key players for business growth?

Q.10. What are strategic growth opportunities in this 3D printing material technology space?

Q.11. What M & A activities did take place in the last five years in technology trends in the global 3D printing material market?



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