

3D Printing Materials in the Global Automotive Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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3D Printing Materials in Automotive Market Trends and Forecast

The future of the global 3D printing materials in the global automotive market looks promising with opportunities in prototyping & tooling, research, development & innovation, and manufacturing complex component applications. The use of 3D printing materials in the global automotive market is expected to reach an estimated \$0.58 billion by 2028 with a CAGR of 16.1% from 2023 to 2028. The major drivers for this market are increasing need for quick prototyping and development of complex parts and growing demand for lightweight components in the automotive industry.

3D Printing Materials in Automotive Market

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

3D Printing Materials in Automotive Market by Segments

3D Printing Materials in Automotive Market by Segment

The study includes trends and forecast for 3D printing materials in the global automotive market by technology, application, and region, as follows:

3D Printing Materials in Automotive Market by Technology [Value (\$B) Shipment

Analysis from 2017 to 2028]:

Stereolithography (SLA)

Selective Laser Sintering (SLS)

Electron Beam Melting (EBM)

Fused Deposition Modeling (FDM)

Laminated Object Manufacturing (LOM)

Three-Dimensional Inject Printing

Others

3D Printing Materials in Automotive Market by Application [Value (\$B) Shipment
Analysis from 2017 to 2028]:

Prototyping & Tooling

Research, Development & Innovation

Manufacturing Complex Components

Others

3D Printing Materials in Automotive Market by Region [Value (\$B) Shipment Analysis
from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of 3D Printing Material Companies in the Automotive Market

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 in automotive market cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the 3D printing material companies in the automotive market profiled in this report include-

3D Systems Corporation

Autodesk

Envisiontec

Polymaker

Ponoko

3D Printing Materials in Automotive Market Insights

Lucintel forecasts that stereolithography is expected to witness the highest growth over the forecast period due to its widespread application as an additive production method for developing lightweight, high precision, and precise vehicle parts.

Prototyping & tooling is expected to remain the largest application segment because it helps in reducing expenses, shortens the lead time, and also helps in minimizing wastage.

North America will remain the largest region due to increasing production of ICE vehicles and EVs equipped with 3D printed parts in the region.

Features of the 3D Printing Materials in Automotive Market

Market Size Estimates: 3D printing materials in automotive market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: 3D printing materials in automotive market size by various segments, such as by technology, application, and region

Regional Analysis: 3D printing materials in automotive market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different technology, applications, and regions for the 3D printing materials in automotive market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the 3D printing materials in automotive market.

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

FAQ

Q1. What is the global automotive market size in terms of 3D printing material usage?

Answer: The global automotive market in terms of 3D printing material usage is expected to reach an estimated \$0.58 billion by 2028.

Q2. What is the growth forecast for 3D printing materials in the automotive market?

Answer: The global automotive market in terms of 3D printing material usage is expected to grow with a CAGR of 16.1% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the 3D printing materials in automotive market?

Answer: The major drivers for this market are increasing need for quick prototyping and development of complex parts and growing demand for lightweight components in the automotive industry.

Q4. What are the major segments for 3D printing materials in automotive market?

Answer: The future of 3D printing materials in the automotive market looks promising with opportunities in prototyping & tooling, research, development & innovation, and manufacturing complex component applications.

Q5. Who are the key 3D printing material companies in the automotive market?

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

3D Systems Corporation

Autodesk

Envisiontec

Polymaker

Ponoko

Q6. Which automotive segment in terms of 3D printing material usage will be the largest in the future?

Answer: Lucintel forecasts that stereolithography is expected to witness the highest growth over the forecast period due to its widespread application as an additive production method for developing lightweight, high precision, and precise vehicle parts.

Q7. In 3D printing materials in automotive market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to increasing production of ICE vehicles and EVs equipped with 3D printed parts in the region.

Q8. Do we receive customization in this report?

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

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for 3D printing materials in the global automotive market by technology (stereolithography, selective laser sintering, electron beam melting, fused deposition modeling, laminated object manufacturing, three-dimensional inject printing, and others), application (prototyping &

tooling, research, development & innovation, manufacturing complex component, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

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

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

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last five years and what has its impact been on the industry?

For any questions related to 3D printing materials in the global automotive market or related to 3D printing materials in the global automotive companies, 3D printing materials in the global automotive market size, 3D printing materials in the global automotive market share, 3D printing materials in the global automotive analysis, 3D printing materials in the global automotive market growth, 3D printing materials in the global automotive market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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