

# Leading Driver In The Ceramic 3D Printing Market 2025: Rising Automotive Production On The Market Growth Driving Demand

*The Business Research Company's  
Leading Driver In The Ceramic 3D Printing  
Market 2025: Rising Automotive  
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Ceramic 3D Printing Global Market Report 2025 -  
Market Size, Trends, And Global Forecast 2025-2034

The [ceramic 3D printing market size](#) has shown strong growth in recent years and is predicted to scale up from \$2.67 billion in 2024 to \$2.82 billion in 2025. This rise, at a compound annual growth rate CAGR of 5.6%, can be attributed to the increasing demand for customized and complex ceramic components, growing adoption of ceramic 3D printing, and a rise in infrastructure utilization.



It will grow to \$3.45 billion in 2029 at a compound annual growth rate (CAGR) of 5.2%."

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What are the Projections for the Ceramic 3D Printing Market in the Coming Years?

The ceramic 3D printing market is expected to see robust growth in the forthcoming years. From 2025, the market is projected to surge to \$3.45 billion in 2029, growing at a compound annual growth rate CAGR of 5.2%. The anticipated growth in this period can be credited to the increased use of ceramics, growing demand for 3D printing, increased healthcare expenditure, rising adoption of smart technologies, and aging populations. Major trends that will shape this market in the near future include advancements in printing technologies, strategic collaborations, emerging technologies, development of new ceramic 3D printing powder, and advancements in ceramic materials.

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How is the Rising Automotive Production Driving the Growth of the Ceramic 3D Printing Market?

Increased automotive production is expected to fuel the growth of the ceramic 3D printing market moving forward. This refers specifically to manufacturing vehicles and their components, including cars, trucks, buses, and automotive parts. The uptick in automotive production is largely due to growing demand for electric vehicles, advancements in manufacturing technology, escalating consumer demand, and expansion of commercial fleets. The use of ceramic 3D printing in automotive industry results in high-performance, heat-resistant components like brake parts, engine components, and battery insulators, effectively improving both durability and efficiency.

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Which Companies are the Major Players in the Ceramic 3D Printing Market?

Major companies operating in the ceramic 3D printing market include KYOCERA Corporation, SiNAPTIC Technologies Inc., Schunk GmbH, Calix Inc., Formlabs Inc., Prodways Group, The ExOne Company, AT Precision Machining Ltd., CADdent GmbH, Lithoz GmbH, PERFECT-3D LLC, XJet Ltd., 3D Matters Pte. Ltd., 3D-Alchemy Ltd., Creatz3D Pte. Ltd., Steinbach AG, Tethon 3D Inc., 3D Potter, Fortify Inc., WASP, Hilgenberg-Ceramics GmbH & Co. KG, Artscan 3D, Doit Industries India Pvt. Ltd., 3DCeram Sinto, SINTX Technologies Inc., Voxeljet AG, and Eazao.

What are the Emerging Trends in the Ceramic 3D Printing Market?

Engaging in technological advancements is the primary focus of major companies in the ceramic 3D printing market. This is particularly with the innovating binder jet-type 3D printers, designed to enhance precision, scalability, and production efficiency.

How is the Ceramic 3D Printing Market Segmented?

Objectively, the ceramic 3D printing market is categorized into distinct sections, based on the form, technology, formulation, application, and ends users. It is segmented as follows:

- 1 By Form: Powder, Resin, Filament
- 2 By Technology: Digital Printing, Analog Printing
- 3 By Formulation: Water-Based, Solvent-Based, Oil-Based
- 4 By Application: Rapid Prototyping, Tooling, Part Manufacturing
- 5 By End-User: Healthcare, Aerospace And Defense, Automotive, Manufacturing, Construction,

Other End-Users

Subsegments:

1 By Powder: Alumina, Zirconia, Silicon Carbide, Titanium Dioxide, Other Ceramic Powders

2 By Resin: Epoxy Resin, Acrylic Resin, Polyurethane Resin, Other Ceramic Resins

3 By Filament: PLA-Based Filament, ABS-Based Filament, PCL-Based Filament, Other Ceramic Filaments

Where Does the Ceramic 3D Printing Market Stand in Different regions?

In 2024, North America was the largest region in the ceramic 3D printing market. However, Asia-Pacific is expected to be the fastest-growing region in the forecasted period. The regions covered in the ceramic 3D printing market report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

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Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

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