

Advanced Ceramics Market Size, Share, Competitive Landscape and Trend Analysis Report

*The Business Research Company's
Advanced Ceramics Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 4, 2025

/EINPresswire.com/ -- "Get 30% Off All
Global Market Reports With Code

ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors



How Large Will The Advanced Ceramics Market Be By 2025?

Over the past few years, [the size of the advanced ceramics market](#) has shown a consistent



The Business Research
Company's Latest Report
Explores Market Driver,
Trends, Regional Insights -
Market Sizing & Forecasts
Through 2034"

*The Business Research
Company*

expansion. It is anticipated that the market will escalate from \$85.34 billion in 2024 to \$88.92 billion in 2025, witnessing a compound annual growth rate (CAGR) of 4.2%. The augmentation in the previous period has been a result of several factors such as increased utilization of ceramics coatings, enhanced sales of high-performance ceramics, growing need for the product from the automotive and medical sectors, substantial manufacturer investment in healthcare applications development, and a mounting demand for zirconia within the medical industry.

In the coming years, the advanced ceramics market is anticipated to witness robust growth. The market is expected to expand to \$108.74 billion by 2029, with a compound annual growth rate (CAGR) of 5.2%. This predicted progress during the forecast period is tied to the upsurge in the need for electro ceramics, burgeoning demand across medical and electronics sectors, and the preference towards advanced ceramics in joint replacement procedures. Additionally, the market is propelled by increased usage as a substitute to metals and plastics, as well as their superior environmental compatibility and dependability. Future trends include rising application in

nanotechnology, the development of innovative products, escalating demand for ceramics in the electro ceramics sector, and the increasing incorporation of advanced ceramics in the airline and defense industries.

Download a free sample of the advanced ceramics market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=14033&type=smp>

What Are The Major Driving Forces Influencing The Advanced Ceramics Market Landscape?

The automotive industry's escalating demand is likely to fuel the expansion of the advanced ceramics market. The automotive sector, which encompasses the designing, manufacturing, marketing, and selling of motor vehicles, finds advanced ceramics highly useful due to their superior properties like high strength, thermal resistance, and lightness. These traits make them perfect for numerous automotive applications, such as engine parts, exhaust setups, and braking systems. For instance, the Belgium-based European Automobile Manufacturers Association reported in June 2023 that roughly 13 million Europeans, or 7% of all EU jobs, work in the automotive sector. This sector also embodies 11.5% of EU manufacturing jobs, totaling around 3.4 million. The EU annually produces 13.1 million vehicles, including cars, vans, trucks, and buses, identifying it as a strategic industry. The European auto sector, a global front runner, yields a €101.9 billion trade surplus using high-quality products marked ""Made in Europe."" Hence, this swelling demand within the automotive industry is steering the surge in the advanced ceramics market.

Who Are The Top Players In The Advanced Ceramics Market?

Major players in the Advanced Ceramics Global Market Report 2025 include:

- 3M Company
- KYOCERA Corporation
- Murata Manufacturing Co. Ltd.
- Corning Incorporated
- AGC Ceramics Co. Ltd.
- Materion Corporation
- Morgan Advanced Materials Plc
- Ferrotec Holdings Corp.
- CeramTec GmbH
- MARUWA Co. Ltd.

What Are The Key Trends Shaping The Advanced Ceramics Industry?

Leading firms in the advanced ceramics market are concentrating their efforts on creating innovative products that underscore consistent quality, thereby ensuring reliability across various applications. In this context, consistent quality symbolizes uniform material properties, performance, and dependability across multiple product batches. Take for example, the France-based company, ALTEO Holding. In October 2023, they introduced HYCal, a product specifically designed for the advanced ceramics market. This new specialty alumina line aims to improve the

functionality of advanced ceramics by maintaining a high-standard of quality and reliability to cater to various sectors like electronics and healthcare. The products exhibit high mechanical strength and exceptional dielectric properties. Plus, they also provide customised solutions to suit particular customer needs.

Market Share And Forecast By Segment In [The Global Advanced Ceramics Market](#)

The advanced ceramics market covered in this report is segmented –

- 1) By Material: Alumina, Titanate, Zirconia, Silicon Carbide
- 2) By Application: Monolithic Ceramic, Ceramic Coatings, Ceramic Matrix Composites, Ceramic Filters
- 3) By End-user Industry: Electrical and Electronics, Transportation, Medical, Industrial, Defense and Security, Chemical, Other End-user Industries

Subsegments:

- 1) By Alumina: High Purity Alumina, Alumina Ceramics For Electrical Insulation, Alumina Structural Ceramics
- 2) By Titanate: Barium Titanate, Lead Titanate, Strontium Titanate
- 3) By Zirconia: Yttria-Stabilized Zirconia (YSZ), Partially Stabilized Zirconia (PSZ), Zirconia Toughened Alumina (ZTA)
- 4) By Silicon Carbide: Reaction Bonded Silicon Carbide (RBSC), Sintered Silicon Carbide, Silicon Carbide Whiskers

View the full advanced ceramics market report:

<https://www.thebusinessresearchcompany.com/report/advanced-ceramics-global-market-report>

Advanced Ceramics Market Regional Insights

In 2024, North America dominated the advanced ceramics global market, as indicated in the 2025 report. The anticipated region to exhibit the most growth is Asia-Pacific. Other regions detailed in this report include Western Europe, Eastern Europe, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Advanced Ceramics Market 2025, By The Business Research Company

Pottery Ceramics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/pottery-ceramics-global-market-report>

Ceramics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/ceramics-global-market-report>

Functional Ceramics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/functional-ceramics-global-market-report>

[report](#)

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

[The Business Research Company - www.thebusinessresearchcompany.com](http://www.thebusinessresearchcompany.com)

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/836861360>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.