

Global Advanced Ceramics for Automotive Market Growth (Status and Outlook) 2022-2028

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Abstracts

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Technical ceramics extend system life, improve range, and increase safety—reshaping the possible in battery electric vehicle (BEV), hybrid electric vehicle (HEV), and fuel cell vehicle (FCV) systems.

The global market for Advanced Ceramics for Automotive is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Advanced Ceramics for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Advanced Ceramics for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Advanced Ceramics for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Advanced Ceramics for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Advanced Ceramics for Automotive players cover Coorstek, GBC Advanced

Materials, Ferrotec, Kyocera and GBC Advanced Materials, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Advanced Ceramics for Automotive market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Advanced Ceramics for Automotive market, with both quantitative and qualitative data, to help readers understand how the Advanced Ceramics for Automotive market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions.

Market Segmentation:

The study segments the Advanced Ceramics for Automotive market and forecasts the market size by Type (Aluminas (Al₂O₃), Aluminum Nitride (AlN) and Silicon Carbide (SiC)), by Application (Automotive LiDAR & Sensing, Automotive Chassis & Body, Automotive Powertrain and Automotive E-mobility & Fuel Cells), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Aluminas (Al₂O₃)

Aluminum Nitride (AlN)

Silicon Carbide (SiC)

Silicon Nitride (Si₃N₄)

Zirconia

Others

Segmentation by application

Automotive LiDAR & Sensing

Automotive Chassis & Body

Automotive Powertrain

Automotive E-mobility & Fuel Cells

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Coorstek

GBC Advanced Materials

Ferrotec

Kyocera

GBC Advanced Materials

NGK Insulators

3M Ceramics

CeramTec

II-VI Optical Systems

Chaozhou Three-circle (Group)

Precision Ceramics UK

Chapter Introduction

Chapter 1: Scope of Advanced Ceramics for Automotive, Research Methodology, etc.

Chapter 2: Executive Summary, global Advanced Ceramics for Automotive market size and CAGR, Advanced Ceramics for Automotive market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Advanced Ceramics for Automotive revenue, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Advanced Ceramics for Automotive revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, revenue segment by country, by type, and application.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Advanced Ceramics for Automotive market size forecast by region, by country, by type, and application

Chapter 13: Comprehensive company profiles of the leading players, including Coorstek, GBC Advanced Materials, Ferrotec, Kyocera, GBC Advanced Materials, NGK Insulators, 3M Ceramics, CeramTec and II-VI Optical Systems, etc.

Chapter 14: Research Findings and Conclusion

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Advanced Ceramics for Automotive Market Size 2017-2028
 - 2.1.2 Advanced Ceramics for Automotive Market Size CAGR by Region 2017 VS 2022 VS 2028
- 2.2 Advanced Ceramics for Automotive Segment by Type
 - 2.2.1 Aluminas (Al_2O_3)
 - 2.2.2 Aluminum Nitride (AlN)
 - 2.2.3 Silicon Carbide (SiC)
 - 2.2.4 Silicon Nitride (Si_3N_4)
 - 2.2.5 Zirconia
 - 2.2.6 Others
- 2.3 Advanced Ceramics for Automotive Market Size by Type
 - 2.3.1 Advanced Ceramics for Automotive Market Size CAGR by Type (2017 VS 2022 VS 2028)
 - 2.3.2 Global Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)
- 2.4 Advanced Ceramics for Automotive Segment by Application
 - 2.4.1 Automotive LiDAR & Sensing
 - 2.4.2 Automotive Chassis & Body
 - 2.4.3 Automotive Powertrain
 - 2.4.4 Automotive E-mobility & Fuel Cells
 - 2.4.5 Others
- 2.5 Advanced Ceramics for Automotive Market Size by Application
 - 2.5.1 Advanced Ceramics for Automotive Market Size CAGR by Application (2017 VS 2022 VS 2028)

2.5.2 Global Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

3 ADVANCED CERAMICS FOR AUTOMOTIVE MARKET SIZE BY PLAYER

3.1 Advanced Ceramics for Automotive Market Size Market Share by Players

3.1.1 Global Advanced Ceramics for Automotive Revenue by Players (2020-2022)

3.1.2 Global Advanced Ceramics for Automotive Revenue Market Share by Players (2020-2022)

3.2 Global Advanced Ceramics for Automotive Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 ADVANCED CERAMICS FOR AUTOMOTIVE BY REGIONS

4.1 Advanced Ceramics for Automotive Market Size by Regions (2017-2022)

4.2 Americas Advanced Ceramics for Automotive Market Size Growth (2017-2022)

4.3 APAC Advanced Ceramics for Automotive Market Size Growth (2017-2022)

4.4 Europe Advanced Ceramics for Automotive Market Size Growth (2017-2022)

4.5 Middle East & Africa Advanced Ceramics for Automotive Market Size Growth (2017-2022)

5 AMERICAS

5.1 Americas Advanced Ceramics for Automotive Market Size by Country (2017-2022)

5.2 Americas Advanced Ceramics for Automotive Market Size by Type (2017-2022)

5.3 Americas Advanced Ceramics for Automotive Market Size by Application (2017-2022)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

- 6.1 APAC Advanced Ceramics for Automotive Market Size by Region (2017-2022)
- 6.2 APAC Advanced Ceramics for Automotive Market Size by Type (2017-2022)
- 6.3 APAC Advanced Ceramics for Automotive Market Size by Application (2017-2022)
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia

7 EUROPE

- 7.1 Europe Advanced Ceramics for Automotive by Country (2017-2022)
- 7.2 Europe Advanced Ceramics for Automotive Market Size by Type (2017-2022)
- 7.3 Europe Advanced Ceramics for Automotive Market Size by Application (2017-2022)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Advanced Ceramics for Automotive by Region (2017-2022)
- 8.2 Middle East & Africa Advanced Ceramics for Automotive Market Size by Type (2017-2022)
- 8.3 Middle East & Africa Advanced Ceramics for Automotive Market Size by Application (2017-2022)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 GLOBAL ADVANCED CERAMICS FOR AUTOMOTIVE MARKET FORECAST

- 10.1 Global Advanced Ceramics for Automotive Forecast by Regions (2023-2028)
 - 10.1.1 Global Advanced Ceramics for Automotive Forecast by Regions (2023-2028)
 - 10.1.2 Americas Advanced Ceramics for Automotive Forecast
 - 10.1.3 APAC Advanced Ceramics for Automotive Forecast
 - 10.1.4 Europe Advanced Ceramics for Automotive Forecast
 - 10.1.5 Middle East & Africa Advanced Ceramics for Automotive Forecast
- 10.2 Americas Advanced Ceramics for Automotive Forecast by Country (2023-2028)
 - 10.2.1 United States Advanced Ceramics for Automotive Market Forecast
 - 10.2.2 Canada Advanced Ceramics for Automotive Market Forecast
 - 10.2.3 Mexico Advanced Ceramics for Automotive Market Forecast
 - 10.2.4 Brazil Advanced Ceramics for Automotive Market Forecast
- 10.3 APAC Advanced Ceramics for Automotive Forecast by Region (2023-2028)
 - 10.3.1 China Advanced Ceramics for Automotive Market Forecast
 - 10.3.2 Japan Advanced Ceramics for Automotive Market Forecast
 - 10.3.3 Korea Advanced Ceramics for Automotive Market Forecast
 - 10.3.4 Southeast Asia Advanced Ceramics for Automotive Market Forecast
 - 10.3.5 India Advanced Ceramics for Automotive Market Forecast
 - 10.3.6 Australia Advanced Ceramics for Automotive Market Forecast
- 10.4 Europe Advanced Ceramics for Automotive Forecast by Country (2023-2028)
 - 10.4.1 Germany Advanced Ceramics for Automotive Market Forecast
 - 10.4.2 France Advanced Ceramics for Automotive Market Forecast
 - 10.4.3 UK Advanced Ceramics for Automotive Market Forecast
 - 10.4.4 Italy Advanced Ceramics for Automotive Market Forecast
 - 10.4.5 Russia Advanced Ceramics for Automotive Market Forecast
- 10.5 Middle East & Africa Advanced Ceramics for Automotive Forecast by Region (2023-2028)
 - 10.5.1 Egypt Advanced Ceramics for Automotive Market Forecast
 - 10.5.2 South Africa Advanced Ceramics for Automotive Market Forecast
 - 10.5.3 Israel Advanced Ceramics for Automotive Market Forecast
 - 10.5.4 Turkey Advanced Ceramics for Automotive Market Forecast
 - 10.5.5 GCC Countries Advanced Ceramics for Automotive Market Forecast
- 10.6 Global Advanced Ceramics for Automotive Forecast by Type (2023-2028)
- 10.7 Global Advanced Ceramics for Automotive Forecast by Application (2023-2028)

11 KEY PLAYERS ANALYSIS

11.1 Coorstek

11.1.1 Coorstek Company Information

11.1.2 Coorstek Advanced Ceramics for Automotive Product Offered

11.1.3 Coorstek Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.1.4 Coorstek Main Business Overview

11.1.5 Coorstek Latest Developments

11.2 GBC Advanced Materials

11.2.1 GBC Advanced Materials Company Information

11.2.2 GBC Advanced Materials Advanced Ceramics for Automotive Product Offered

11.2.3 GBC Advanced Materials Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.2.4 GBC Advanced Materials Main Business Overview

11.2.5 GBC Advanced Materials Latest Developments

11.3 Ferrotec

11.3.1 Ferrotec Company Information

11.3.2 Ferrotec Advanced Ceramics for Automotive Product Offered

11.3.3 Ferrotec Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.3.4 Ferrotec Main Business Overview

11.3.5 Ferrotec Latest Developments

11.4 Kyocera

11.4.1 Kyocera Company Information

11.4.2 Kyocera Advanced Ceramics for Automotive Product Offered

11.4.3 Kyocera Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.4.4 Kyocera Main Business Overview

11.4.5 Kyocera Latest Developments

11.5 GBC Advanced Materials

11.5.1 GBC Advanced Materials Company Information

11.5.2 GBC Advanced Materials Advanced Ceramics for Automotive Product Offered

11.5.3 GBC Advanced Materials Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.5.4 GBC Advanced Materials Main Business Overview

11.5.5 GBC Advanced Materials Latest Developments

11.6 NGK Insulators

11.6.1 NGK Insulators Company Information

11.6.2 NGK Insulators Advanced Ceramics for Automotive Product Offered

11.6.3 NGK Insulators Advanced Ceramics for Automotive Revenue, Gross Margin

and Market Share (2020-2022)

11.6.4 NGK Insulators Main Business Overview

11.6.5 NGK Insulators Latest Developments

11.7 3M Ceramics

11.7.1 3M Ceramics Company Information

11.7.2 3M Ceramics Advanced Ceramics for Automotive Product Offered

11.7.3 3M Ceramics Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.7.4 3M Ceramics Main Business Overview

11.7.5 3M Ceramics Latest Developments

11.8 CeramTec

11.8.1 CeramTec Company Information

11.8.2 CeramTec Advanced Ceramics for Automotive Product Offered

11.8.3 CeramTec Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.8.4 CeramTec Main Business Overview

11.8.5 CeramTec Latest Developments

11.9 II-VI Optical Systems

11.9.1 II-VI Optical Systems Company Information

11.9.2 II-VI Optical Systems Advanced Ceramics for Automotive Product Offered

11.9.3 II-VI Optical Systems Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.9.4 II-VI Optical Systems Main Business Overview

11.9.5 II-VI Optical Systems Latest Developments

11.10 Chaozhou Three-circle (Group)

11.10.1 Chaozhou Three-circle (Group) Company Information

11.10.2 Chaozhou Three-circle (Group) Advanced Ceramics for Automotive Product Offered

11.10.3 Chaozhou Three-circle (Group) Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.10.4 Chaozhou Three-circle (Group) Main Business Overview

11.10.5 Chaozhou Three-circle (Group) Latest Developments

11.11 Precision Ceramics UK

11.11.1 Precision Ceramics UK Company Information

11.11.2 Precision Ceramics UK Advanced Ceramics for Automotive Product Offered

11.11.3 Precision Ceramics UK Advanced Ceramics for Automotive Revenue, Gross Margin and Market Share (2020-2022)

11.11.4 Precision Ceramics UK Main Business Overview

11.11.5 Precision Ceramics UK Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Advanced Ceramics for Automotive Market Size CAGR by Region (2017 VS 2022 VS 2028) & (\$ Millions)

Table 2. Major Players of Aluminas (Al_2O_3)

Table 3. Major Players of Aluminum Nitride (AlN)

Table 4. Major Players of Silicon Carbide (SiC)

Table 5. Major Players of Silicon Nitride (Si_3N_4)

Table 6. Major Players of Zirconia

Table 7. Major Players of Others

Table 8. Advanced Ceramics for Automotive Market Size CAGR by Type (2017 VS 2022 VS 2028) & (\$ Millions)

Table 9. Global Advanced Ceramics for Automotive Market Size by Type (2017-2022) & (\$ Millions)

Table 10. Global Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)

Table 11. Advanced Ceramics for Automotive Market Size CAGR by Application (2017 VS 2022 VS 2028) & (\$ Millions)

Table 12. Global Advanced Ceramics for Automotive Market Size by Application (2017-2022) & (\$ Millions)

Table 13. Global Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

Table 14. Global Advanced Ceramics for Automotive Revenue by Players (2020-2022) & (\$ Millions)

Table 15. Global Advanced Ceramics for Automotive Revenue Market Share by Player (2020-2022)

Table 16. Advanced Ceramics for Automotive Key Players Head office and Products Offered

Table 17. Advanced Ceramics for Automotive Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 18. New Products and Potential Entrants

Table 19. Mergers & Acquisitions, Expansion

Table 20. Global Advanced Ceramics for Automotive Market Size by Regions 2017-2022 & (\$ Millions)

Table 21. Global Advanced Ceramics for Automotive Market Size Market Share by Regions (2017-2022)

Table 22. Americas Advanced Ceramics for Automotive Market Size by Country

(2017-2022) & (\$ Millions)

Table 23. Americas Advanced Ceramics for Automotive Market Size Market Share by Country (2017-2022)

Table 24. Americas Advanced Ceramics for Automotive Market Size by Type (2017-2022) & (\$ Millions)

Table 25. Americas Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)

Table 26. Americas Advanced Ceramics for Automotive Market Size by Application (2017-2022) & (\$ Millions)

Table 27. Americas Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

Table 28. APAC Advanced Ceramics for Automotive Market Size by Region (2017-2022) & (\$ Millions)

Table 29. APAC Advanced Ceramics for Automotive Market Size Market Share by Region (2017-2022)

Table 30. APAC Advanced Ceramics for Automotive Market Size by Type (2017-2022) & (\$ Millions)

Table 31. APAC Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)

Table 32. APAC Advanced Ceramics for Automotive Market Size by Application (2017-2022) & (\$ Millions)

Table 33. APAC Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

Table 34. Europe Advanced Ceramics for Automotive Market Size by Country (2017-2022) & (\$ Millions)

Table 35. Europe Advanced Ceramics for Automotive Market Size Market Share by Country (2017-2022)

Table 36. Europe Advanced Ceramics for Automotive Market Size by Type (2017-2022) & (\$ Millions)

Table 37. Europe Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)

Table 38. Europe Advanced Ceramics for Automotive Market Size by Application (2017-2022) & (\$ Millions)

Table 39. Europe Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

Table 40. Middle East & Africa Advanced Ceramics for Automotive Market Size by Region (2017-2022) & (\$ Millions)

Table 41. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Region (2017-2022)

Table 42. Middle East & Africa Advanced Ceramics for Automotive Market Size by Type (2017-2022) & (\$ Millions)

Table 43. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Type (2017-2022)

Table 44. Middle East & Africa Advanced Ceramics for Automotive Market Size by Application (2017-2022) & (\$ Millions)

Table 45. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Application (2017-2022)

Table 46. Key Market Drivers & Growth Opportunities of Advanced Ceramics for Automotive

Table 47. Key Market Challenges & Risks of Advanced Ceramics for Automotive

Table 48. Key Industry Trends of Advanced Ceramics for Automotive

Table 49. Global Advanced Ceramics for Automotive Market Size Forecast by Regions (2023-2028) & (\$ Millions)

Table 50. Global Advanced Ceramics for Automotive Market Size Market Share Forecast by Regions (2023-2028)

Table 51. Global Advanced Ceramics for Automotive Market Size Forecast by Type (2023-2028) & (\$ Millions)

Table 52. Global Advanced Ceramics for Automotive Market Size Market Share Forecast by Type (2023-2028)

Table 53. Global Advanced Ceramics for Automotive Market Size Forecast by Application (2023-2028) & (\$ Millions)

Table 54. Global Advanced Ceramics for Automotive Market Size Market Share Forecast by Application (2023-2028)

Table 55. Coorstek Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 56. Coorstek Advanced Ceramics for Automotive Product Offered

Table 57. Coorstek Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 58. Coorstek Main Business

Table 59. Coorstek Latest Developments

Table 60. GBC Advanced Materials Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 61. GBC Advanced Materials Advanced Ceramics for Automotive Product Offered

Table 62. GBC Advanced Materials Main Business

Table 63. GBC Advanced Materials Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 64. GBC Advanced Materials Latest Developments

Table 65. Ferrotec Details, Company Type, Advanced Ceramics for Automotive Area

Served and Its Competitors

Table 66. Ferrotec Advanced Ceramics for Automotive Product Offered

Table 67. Ferrotec Main Business

Table 68. Ferrotec Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 69. Ferrotec Latest Developments

Table 70. Kyocera Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 71. Kyocera Advanced Ceramics for Automotive Product Offered

Table 72. Kyocera Main Business

Table 73. Kyocera Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 74. Kyocera Latest Developments

Table 75. GBC Advanced Materials Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 76. GBC Advanced Materials Advanced Ceramics for Automotive Product Offered

Table 77. GBC Advanced Materials Main Business

Table 78. GBC Advanced Materials Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 79. GBC Advanced Materials Latest Developments

Table 80. NGK Insulators Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 81. NGK Insulators Advanced Ceramics for Automotive Product Offered

Table 82. NGK Insulators Main Business

Table 83. NGK Insulators Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 84. NGK Insulators Latest Developments

Table 85. 3M Ceramics Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 86. 3M Ceramics Advanced Ceramics for Automotive Product Offered

Table 87. 3M Ceramics Main Business

Table 88. 3M Ceramics Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 89. 3M Ceramics Latest Developments

Table 90. CeramTec Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 91. CeramTec Advanced Ceramics for Automotive Product Offered

Table 92. CeramTec Main Business

Table 93. CeramTec Advanced Ceramics for Automotive Revenue (\$ million), Gross

Margin and Market Share (2020-2022)

Table 94. CeramTec Latest Developments

Table 95. II-VI Optical Systems Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 96. II-VI Optical Systems Advanced Ceramics for Automotive Product Offered

Table 97. II-VI Optical Systems Main Business

Table 98. II-VI Optical Systems Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 99. II-VI Optical Systems Latest Developments

Table 100. Chaozhou Three-circle (Group) Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 101. Chaozhou Three-circle (Group) Advanced Ceramics for Automotive Product Offered

Table 102. Chaozhou Three-circle (Group) Main Business

Table 103. Chaozhou Three-circle (Group) Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 104. Chaozhou Three-circle (Group) Latest Developments

Table 105. Precision Ceramics UK Details, Company Type, Advanced Ceramics for Automotive Area Served and Its Competitors

Table 106. Precision Ceramics UK Advanced Ceramics for Automotive Product Offered

Table 107. Precision Ceramics UK Advanced Ceramics for Automotive Revenue (\$ million), Gross Margin and Market Share (2020-2022)

Table 108. Precision Ceramics UK Main Business

Table 109. Precision Ceramics UK Latest Developments

List Of Figures

LIST OF FIGURES

LIST OF FIGURES

Figure 1. Advanced Ceramics for Automotive Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global Advanced Ceramics for Automotive Market Size Growth Rate 2017-2028 (\$ Millions)

Figure 6. Global Advanced Ceramics for Automotive Market Size Market Share by Type in 2021

Figure 7. Advanced Ceramics for Automotive in Automotive LiDAR & Sensing

Figure 8. Global Advanced Ceramics for Automotive Market: Automotive LiDAR & Sensing (2017-2022) & (\$ Millions)

Figure 9. Advanced Ceramics for Automotive in Automotive Chassis & Body

Figure 10. Global Advanced Ceramics for Automotive Market: Automotive Chassis & Body (2017-2022) & (\$ Millions)

Figure 11. Advanced Ceramics for Automotive in Automotive Powertrain

Figure 12. Global Advanced Ceramics for Automotive Market: Automotive Powertrain (2017-2022) & (\$ Millions)

Figure 13. Advanced Ceramics for Automotive in Automotive E-mobility & Fuel Cells

Figure 14. Global Advanced Ceramics for Automotive Market: Automotive E-mobility & Fuel Cells (2017-2022) & (\$ Millions)

Figure 15. Advanced Ceramics for Automotive in Others

Figure 16. Global Advanced Ceramics for Automotive Market: Others (2017-2022) & (\$ Millions)

Figure 17. Global Advanced Ceramics for Automotive Market Size Market Share by Application in 2021

Figure 18. Global Advanced Ceramics for Automotive Revenue Market Share by Player in 2021

Figure 19. Global Advanced Ceramics for Automotive Market Size Market Share by Regions (2017-2022)

Figure 20. Americas Advanced Ceramics for Automotive Market Size 2017-2022 (\$ Millions)

Figure 21. APAC Advanced Ceramics for Automotive Market Size 2017-2022 (\$

Millions)

Figure 22. Europe Advanced Ceramics for Automotive Market Size 2017-2022 (\$ Millions)

Figure 23. Middle East & Africa Advanced Ceramics for Automotive Market Size 2017-2022 (\$ Millions)

Figure 24. Americas Advanced Ceramics for Automotive Value Market Share by Country in 2021

Figure 25. Americas Advanced Ceramics for Automotive Consumption Market Share by Type in 2021

Figure 26. Americas Advanced Ceramics for Automotive Market Size Market Share by Application in 2021

Figure 27. United States Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 28. Canada Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 29. Mexico Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 30. Brazil Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 31. APAC Advanced Ceramics for Automotive Market Size Market Share by Region in 2021

Figure 32. APAC Advanced Ceramics for Automotive Market Size Market Share by Application in 2021

Figure 33. China Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 34. Japan Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 35. Korea Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 36. Southeast Asia Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 37. India Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 38. Australia Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 39. Europe Advanced Ceramics for Automotive Market Size Market Share by Country in 2021

Figure 40. Europe Advanced Ceramics for Automotive Market Size Market Share by Type in 2021

Figure 41. Europe Advanced Ceramics for Automotive Market Size Market Share by Application in 2021

Figure 42. Germany Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 43. France Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 44. UK Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 45. Italy Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 46. Russia Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 47. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Region in 2021

Figure 48. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Type in 2021

Figure 49. Middle East & Africa Advanced Ceramics for Automotive Market Size Market Share by Application in 2021

Figure 50. Egypt Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 51. South Africa Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 52. Israel Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 53. Turkey Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 54. GCC Country Advanced Ceramics for Automotive Market Size Growth 2017-2022 (\$ Millions)

Figure 55. Americas Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 56. APAC Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 57. Europe Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 58. Middle East & Africa Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 59. United States Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 60. Canada Advanced Ceramics for Automotive Market Size 2023-2028 (\$

Millions)

Figure 61. Mexico Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 62. Brazil Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 63. China Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 64. Japan Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 65. Korea Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 66. Southeast Asia Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 67. India Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 68. Australia Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 69. Germany Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 70. France Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 71. UK Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 72. Italy Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 73. Russia Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 74. Spain Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 75. Egypt Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 76. South Africa Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 77. Israel Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 78. Turkey Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

Figure 79. GCC Countries Advanced Ceramics for Automotive Market Size 2023-2028 (\$ Millions)

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