

Global ZTA (Zirconia Toughened Alumina) Substrate Market Growth 2022-2028

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Abstracts

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Power electronic modules use a ceramic substrate such as Al₂O₃ or ZTA (Zirconia Toughened Alumina) serving as an insulating layer, and copper connections to ensure the electrical conductivity at high temperatures.

The global market for ZTA (Zirconia Toughened Alumina) Substrate 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 ZTA (Zirconia Toughened Alumina) Substrate market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States ZTA (Zirconia Toughened Alumina) Substrate market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe ZTA (Zirconia Toughened Alumina) Substrate market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China ZTA (Zirconia Toughened Alumina) Substrate market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key ZTA (Zirconia Toughened Alumina) Substrate players cover Rogers Corporation, Heraeus Electronics, Kyocera, KCC and Ferrotec, 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 ZTA (Zirconia Toughened Alumina) Substrate 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 ZTA (Zirconia Toughened Alumina) Substrate market, with both quantitative and qualitative data, to help readers understand how the ZTA (Zirconia Toughened Alumina) Substrate 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 and volume in Square meter.

Market Segmentation:

The study segments the ZTA (Zirconia Toughened Alumina) Substrate market and forecasts the market size by Substrate Thickness (0.25mm DBC-Al₂O₃ Substrate and 0.32mm DBC-Al₂O₃ Substrate,), by Application (Automotive IGBT, LED and Others,), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by substrate thickness

0.25mm DBC-Al₂O₃ Substrate

0.32mm DBC-Al₂O₃ Substrate

Segmentation by application

Automotive IGBT

LED

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

Rogers Corporation

Heraeus Electronics

Kyocera

KCC

Ferrotec

Shenzhen Xinzhou Electronic Technology

Zhejiang TC Ceramic Electronic

Nanjing Zhongjiang New Material Science & Technology

Chapter Introduction

Chapter 1: Scope of ZTA (Zirconia Toughened Alumina) Substrate, Research

Methodology, etc.

Chapter 2: Executive Summary, global ZTA (Zirconia Toughened Alumina) Substrate market size (sales and revenue) and CAGR, ZTA (Zirconia Toughened Alumina) Substrate market size by region, by substrate thickness, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: ZTA (Zirconia Toughened Alumina) Substrate sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global ZTA (Zirconia Toughened Alumina) Substrate sales and 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, sales segment by country, by substrate thickness, and substrate thickness.

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 ZTA (Zirconia Toughened Alumina) Substrate market size forecast by region, by country, by substrate thickness, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Rogers Corporation, Heraeus Electronics, Kyocera, KCC, Ferrotec, Shenzhen Xinzhou Electronic Technology, Zhejiang TC Ceramic Electronic and Nanjing Zhongjiang New Material Science & Technology, etc.

Chapter 14: Research Findings and Conclusion

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