

LTCC Market and HTCC Market by Process Type (LTCC, HTCC), Material Type (Glass-Ceramic, Ceramic), End-use Industry (Automotive, Telecommunications, Aerospace & Defense, Medical), Region (Asia Pacific, North America, Europe, MEA, LA) - Global Forecast to 2024

<https://marketpublishers.com/r/L707884950DEN.html>

Date: July 2019

Pages: 120

Price: US\$ 5,650.00 (Single User License)

ID: L707884950DEN

Abstracts

'The LTCC market and HTCC market is projected to register a CAGR of 4.5%, in terms of value, between 2019 and 2024.'

The LTCC market and HTCC market size is estimated to be USD 916 million in 2019 and is projected to reach USD 1.1 billion by 2024, at a CAGR of 4.5% between 2019 and 2024. Co-fired ceramics are used in different industries such as aerospace & defense, automotive, telecommunications, medical, and industrial. They exhibit various properties such as non-corrosiveness, environmental resistance, thermal dissipation, and resistance to thermal shock. The superior features offered by co-fired ceramics are enabling its usage in various end-use industries.

'LTCC process type accounted for the largest share, in terms of value and volume, of the overall LTCC market and HTCC market.'

LTCC process dominated the overall LTCC market and HTCC market in 2018. Co-fired ceramic possess characteristics such as low signal loss, better performance, and high reliability at a higher temperature. An LTCC structure consists of multiple dielectric layers, low-loss conductors, and via-holes for interconnecting multiple layers. The LTCC process offers better performance at high temperature, as ceramic materials used in LTCC offer temperature stability.

'Glass-ceramic material type accounted for the largest share, in terms of value and volume of the overall LTCC market and HTCC market.'

Glass-ceramic material type dominated the overall LTCC market and HTCC market in 2018. The use of glass-ceramic material in the LTCC market and HTCC market offers various advantages such as cost-effectiveness, design flexibility, environmental resistance, hermeticity, mechanical rigidity, thermal dissipation, and resistance to thermal shock. The glass-ceramic material is used in LTCC co-fired ceramic products.

"The LTCC market and HTCC market in the automotive end-use industry is expected to register the highest CAGR between 2019 and 2024.'

The increasing use of co-fired ceramic in the automotive industry is mainly due to the growing demand for sensors and radar modules. The co-fired ceramic is used in various applications of the vehicle as these products have proven to be cost-effective and can sustain very harsh environments. The use of co-fired ceramic in automotive offers better functionality of vehicles.

"The LTCC market and HTCC market in the Asia Pacific is projected to register the highest CAGR, in terms of value and volume, between 2019 and 2024."

The Asia Pacific dominated the global LTCC market and HTCC market. The region has the presence of many manufacturers of co-fired ceramic and its products. China accounted for a significant share of the LTCC market and HTCC market in Asia Pacific and is expected to register substantial growth during the forecast period. The growth of the LTCC market and HTCC market in this region is driven mainly by the growing automotive and telecommunications end-use industries.

Breakdown of Profiles of Primary Interviews:

By Company: Tier 1 - 37%, Tier 2 - 42%, and Tier 3 - 21%

By Designation: C level - 30%, Director level - 25%, and Others - 45%

By Region: North America - 20%, Europe - 40%, Asia Pacific - 27%, MEA - 6%, and Latin America - 7%

The LTCC market and HTCC market comprises major solution providers such as KYOCERA Corporation (Japan), DowDuPont Inc. (US), Murata Manufacturing Co., Ltd. (Japan), KOA Corporation (Japan), Hitachi Metals, Ltd. (Japan), Yokowo Co., Ltd. (Japan), NGK SPARK PLUG CO., LTD. (Japan), MARUWA Co., Ltd. (Japan), Micro Systems Technologies (Switzerland), TDK Corporation (Japan), and NIKKO COMPANY (Japan). The study includes an in-depth competitive analysis of these key players in the LTCC market and HTCC market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The study covers the LTCC market and HTCC market. It aims at estimating the market size and the growth potential of this market across different segments, such as process type, material type, end-use industry, and region. Porter's Five Forces analysis and the key market dynamics, such as drivers, restraints, challenges, and opportunities, influencing the growth of the LTCC market and HTCC market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers of the overall LTCC market and HTCC market and its subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. It will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 CO-FIRED CERAMIC MARKET SEGMENTATION
 - 1.3.2 REGIONS COVERED
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 UNIT CONSIDERED
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.3 KEY INDUSTRY INSIGHTS
 - 2.1.3.1 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 DATA TRIANGULATION
- 2.4 ASSUMPTIONS
- 2.5 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE CO-FIRED CERAMIC MARKET
- 4.2 CO-FIRED CERAMIC MARKET, BY END-USE INDUSTRY AND REGION
- 4.3 CO-FIRED CERAMIC MARKET, BY PROCESS TYPE
- 4.4 CO-FIRED CERAMIC MARKET, BY MATERIAL TYPE
- 4.5 CO-FIRED CERAMIC MARKET, BY COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing demand for miniaturized and high-performance electronic devices

5.2.1.2 Higher demand for ceramic substrates than traditional substrates in high-frequency applications

5.2.2 RESTRAINTS

5.2.2.1 Issues related to reparability

5.2.3 OPPORTUNITIES

5.2.3.1 Growing demand for nanotechnology and high-end computing systems

5.2.4 CHALLENGES

5.2.4.1 High price of raw materials

5.3 PORTER'S FIVE FORCES ANALYSIS

5.3.1 THREAT OF SUBSTITUTES

5.3.2 THREAT OF NEW ENTRANTS

5.3.3 BARGAINING POWER OF SUPPLIERS

5.3.4 BARGAINING POWER OF BUYERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

6 MACROECONOMIC OVERVIEW AND KEY TRENDS

6.1 INTRODUCTION

6.2 TRENDS AND FORECAST OF GDP

6.3 TRENDS IN AEROSPACE INDUSTRY

6.4 TRENDS IN AUTOMOTIVE INDUSTRY

7 CO-FIRED CERAMIC MARKET, BY PROCESS TYPE

7.1 INTRODUCTION

7.2 LTCC

7.2.1 LTCC IS ONE OF THE MOST WIDELY USED CO-FIRED CERAMIC PROCESS TYPES

7.3 HTCC

7.3.1 HTCC COMPONENTS CAN WITHSTAND HIGHER RADIO FREQUENCIES

8 CO-FIRED CERAMIC MARKET, BY MATERIAL TYPE

8.1 INTRODUCTION

8.2 GLASS-CERAMIC MATERIAL

8.2.1 LOW COST AND HIGH PERFORMANCE OF GLASS-CERAMIC MATERIAL ARE DRIVING THE MARKET

8.3 CERAMIC MATERIAL

8.3.1 HIGH PERFORMANCE IN EXTREME TEMPERATURE INCREASES THE DEMAND FOR CERAMIC MATERIALS IN THE CO-FIRED CERAMIC MARKET

9 CO-FIRED CERAMIC MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

9.2 AUTOMOTIVE

9.2.1 ABILITY TO SUSTAIN HARSH ENVIRONMENTS IS ONE OF THE KEY FACTORS ENABLING THE EXTENSIVE USE OF CO-FIRED CERAMIC IN THIS INDUSTRY

9.3 TELECOMMUNICATIONS

9.3.1 GROWING WIRELESS APPLICATIONS ARE DRIVING THE MARKET IN THE TELECOMMUNICATIONS END-USE INDUSTRY

9.4 AEROSPACE & DEFENSE

9.4.1 HIGH STRENGTH CO-FIRED CERAMIC MATERIALS ARE USED IN THE AEROSPACE & DEFENSE INDUSTRY

9.5 MEDICAL

9.5.1 CO-FIRED CERAMIC IS USED IN HEARING AIDS AND PACEMAKERS

9.6 OTHERS

10 CO-FIRED CERAMIC MARKET, BY REGION

10.1 INTRODUCTION

10.2 ASIA PACIFIC

10.2.1 CHINA

10.2.1.1 With the world's largest electronics manufacturing cluster, China is a key co-fired ceramic market

10.2.2 JAPAN

10.2.2.1 Increasing urbanization and industrialization is supporting the market growth

10.2.3 SOUTH KOREA

10.2.3.1 Strong focus on the electronics industry growth is driving the market

10.2.4 TAIWAN

10.2.4.1 Presence of prominent electronics industry in Taiwan is boosting the market

for co-fired ceramics

10.2.5 REST OF ASIA PACIFIC

10.3 EUROPE

10.3.1 GERMANY

10.3.1.1 The growing automotive manufacturing sector is positively impacting the market

10.3.2 FRANCE

10.3.2.1 Presence of industrial hubs and high level of labor productivity are driving the market

10.3.3 UK

10.3.3.1 The UK is a lucrative market for co-fired ceramic due to the presence of automotive giants in the country

10.3.4 ITALY

10.3.4.1 The growing automotive and industrial sectors are fostering the market growth

10.3.5 POLAND

10.3.5.1 Presence of automotive and aviation industry is fueling the market in Poland

10.3.6 REST OF EUROPE

10.4 NORTH AMERICA

10.4.1 US

10.4.1.1 Stable growth of the consumer electronics industry is a major boost for the market

10.4.2 CANADA

10.4.2.1 Canada is the second-largest market in North America due to the growing telecommunications industry

10.5 MIDDLE EAST & AFRICA (MEA)

10.5.1 UAE

10.5.1.1 End-use industries such as telecommunications and aerospace & defense generate high demand for co-fired ceramic

10.5.2 SAUDI ARABIA

10.5.2.1 Government spending on urban development projects is driving the market

10.5.3 REST OF MEA

10.6 LATIN AMERICA

10.6.1 BRAZIL

10.6.1.1 The fast-growing automotive industry in the country offers high growth potential for the co-fired ceramic market

10.6.2 MEXICO

10.6.2.1 The growing demand for electronic products is expected to help in the market growth

10.6.3 REST OF LATIN AMERICA

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 COMPETITIVE LEADERSHIP MAPPING

11.2.1 TERMINOLOGY/NOMENCLATURE

11.2.1.1 Visionary Leaders

11.2.1.2 Dynamic Differentiators

11.2.1.3 Emerging Companies

11.2.1.4 Innovators

11.2.2 STRENGTH OF PRODUCT PORTFOLIO

11.2.3 BUSINESS STRATEGY EXCELLENCE

11.2.4 MARKET RANKING

11.3 COMPETITIVE SCENARIO

11.3.1 NEW PRODUCT DEVELOPMENT

11.3.2 PARTNERSHIP

11.3.3 ACQUISITION

12 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View)*

12.1 KYOCERA CORPORATION

12.2 DOWDUPONT INC.

12.3 MURATA MANUFACTURING CO., LTD.

12.4 KOA CORPORATION

12.5 HITACHI METALS, LTD.

12.6 TDK CORPORATION

12.7 YOKOWO CO., LTD.

12.8 NGK SPARK PLUG CO., LTD.

12.9 MARUWA CO., LTD.

12.10 MICRO SYSTEMS TECHNOLOGIES

12.11 NIKKO COMPANY

12.12 OTHER COMPANIES

12.12.1 API TECHNOLOGIES CORP

12.12.2 ACX CORP.

12.12.3 SCHENZHEN SUNLORD ELECTRONICS CO., LTD.

12.12.4 SOAR TECHNOLOGY CO., LTD.

12.12.5 SCHOTT ELECTRONIC PACKAGING

12.12.6 ECRI MICROELECTRONICS

12.12.7 SELMIC OY

12.12.8 NATEL ENGINEERING CO., LTD.

12.12.9 ADTECH CERAMICS

12.12.10 EGIDE

*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKETSandMARKETS SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 CO-FIRED CERAMIC MARKET SIZE, 2017–2024

TABLE 2 TRENDS AND FORECAST OF GDP, 2017–2024 (USD BILLION)

TABLE 3 NUMBER OF NEW AIRPLANE DELIVERIES, BY REGION, 2018-2037

TABLE 4 AUTOMOTIVE PRODUCTION, MILLION UNITS (2017–2018)

TABLE 5 CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024
(USD MILLION)

TABLE 6 CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024
(KILOTON)

TABLE 7 LTCC MARKET SIZE FOR CO-FIRED CERAMIC, BY REGION, 2017–2024
(USD MILLION)

TABLE 8 LTCC MARKET SIZE FOR CO-FIRED CERAMIC, BY REGION, 2017–2024
(KILOTON)

TABLE 9 HTCC MARKET SIZE FOR CO-FIRED CERAMIC, BY REGION, 2017–2024
(USD MILLION)

TABLE 10 HTCC MARKET SIZE FOR CO-FIRED CERAMIC, BY REGION, 2017–2024
(KILOTON)

TABLE 11 CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024
(USD MILLION)

TABLE 12 CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024
(KILOTON)

TABLE 13 GLASS-CERAMIC MATERIAL MARKET SIZE FOR CO-FIRED CERAMIC,
BY REGION, 2017–2024 (USD MILLION)

TABLE 14 GLASS-CERAMIC MATERIAL MARKET SIZE FOR CO-FIRED CERAMIC,
BY REGION, 2017–2024 (KILOTON)

TABLE 15 CERAMIC MATERIAL MARKET SIZE FOR CO-FIRED CERAMIC, BY
REGION, 2017–2024 (USD MILLION)

TABLE 16 CERAMIC MATERIAL MARKET SIZE FOR CO-FIRED CERAMIC, BY
REGION, 2017–2024 (KILOTON)

TABLE 17 CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY,
2017–2024 (USD MILLION)

TABLE 18 CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY,
2017–2024 (KILOTON)

TABLE 19 CO-FIRED CERAMIC MARKET SIZE IN AUTOMOTIVE END-USE
INDUSTRY, BY REGION, 2017–2024 (USD MILLION)

TABLE 20 CO-FIRED CERAMIC MARKET SIZE IN AUTOMOTIVE END-USE

INDUSTRY, BY REGION, 2017–2024 (KILOTON)

TABLE 21 CO-FIRED CERAMIC MARKET SIZE IN TELECOMMUNICATIONS END-USE INDUSTRY, BY REGION, 2017–2024 (USD MILLION)

TABLE 22 CO-FIRED CERAMIC MARKET SIZE IN TELECOMMUNICATIONS END-USE INDUSTRY, BY REGION, 2017–2024 (KILOTON)

TABLE 23 CO-FIRED CERAMIC MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2017–2024 (USD MILLION)

TABLE 24 CO-FIRED CERAMIC MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2017–2024 (KILOTON)

TABLE 25 CO-FIRED CERAMIC MARKET SIZE IN MEDICAL END-USE INDUSTRY, BY REGION, 2017–2024 (USD MILLION)

TABLE 26 CO-FIRED CERAMIC MARKET SIZE IN MEDICAL END-USE INDUSTRY, BY REGION, 2017–2024 (KILOTON)

TABLE 27 CO-FIRED CERAMIC MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2017–2024 (USD MILLION)

TABLE 28 CO-FIRED CERAMIC MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2017–2024 (KILOTON)

TABLE 29 CO-FIRED CERAMIC MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 30 CO-FIRED CERAMIC MARKET SIZE, BY REGION, 2017–2024 (KILOTON)

TABLE 31 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 32 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (KILOTON)

TABLE 33 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (USD MILLION)

TABLE 34 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (KILOTON)

TABLE 35 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (USD MILLION)

TABLE 36 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (KILOTON)

TABLE 37 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (USD MILLION)

TABLE 38 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (KILOTON)

TABLE 39 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 40 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024

(KILOTON)

TABLE 41 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (USD MILLION)

TABLE 42 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (KILOTON)

TABLE 43 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (USD MILLION)

TABLE 44 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (KILOTON)

TABLE 45 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (USD MILLION)

TABLE 46 EUROPE: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (KILOTON)

TABLE 47 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 48 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (KILOTON)

TABLE 49 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (USD MILLION)

TABLE 50 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (KILOTON)

TABLE 51 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (USD MILLION)

TABLE 52 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (KILOTON)

TABLE 53 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (USD MILLION)

TABLE 54 NORTH AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (KILOTON)

TABLE 55 MEA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 56 MEA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (KILOTON)

TABLE 57 MEA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (USD MILLION)

TABLE 58 MEA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (KILOTON)

TABLE 59 MEA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (USD MILLION)

TABLE 60 MEA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (KILOTON)

TABLE 61 MEA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (USD MILLION)

TABLE 62 MEA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (KILOTON)

TABLE 63 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 64 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY COUNTRY, 2017–2024 (KILOTON)

TABLE 65 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (USD MILLION)

TABLE 66 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY PROCESS TYPE, 2017–2024 (KILOTON)

TABLE 67 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (USD MILLION)

TABLE 68 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY MATERIAL TYPE, 2017–2024 (KILOTON)

TABLE 69 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (USD MILLION)

TABLE 70 LATIN AMERICA: CO-FIRED CERAMIC MARKET SIZE, BY END-USE INDUSTRY, 2017–2024 (KILOTON)

TABLE 71 NEW PRODUCT DEVELOPMENT, 2015–2018

TABLE 72 PARTNERSHIP, 2015–2018

TABLE 73 ACQUISITION, 2015–2018

List Of Figures

LIST OF FIGURES

FIGURE 1 CO-FIRED CERAMIC MARKET: RESEARCH DESIGN

FIGURE 2 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

FIGURE 3 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

FIGURE 4 CO-FIRED CERAMIC MARKET: DATA TRIANGULATION

FIGURE 5 LTCC PROCESS TYPE ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2018

FIGURE 6 GLASS-CERAMIC MATERIAL TYPE DOMINATED THE CO-FIRED CERAMIC MARKET IN 2018

FIGURE 7 AUTOMOTIVE WAS THE MAJOR END-USE INDUSTRY OF CO-FIRED CERAMIC IN 2018

FIGURE 8 CHINA TO REGISTER THE HIGHEST CAGR IN THE CO-FIRED CERAMIC MARKET

FIGURE 9 ASIA PACIFIC TO REGISTER THE HIGHEST CAGR

FIGURE 10 GROWTH OPPORTUNITIES FOR CO-FIRED CERAMIC MARKET IN AUTOMOTIVE INDUSTRY

FIGURE 11 AUTOMOTIVE SEGMENT AND ASIA PACIFIC ACCOUNTED FOR THE LARGEST MARKET SHARE

FIGURE 12 LTCC TO BE THE DOMINATING SEGMENT OF THE CO-FIRED CERAMIC MARKET

FIGURE 13 GLASS-CERAMIC TO DOMINATE THE CO-FIRED CERAMIC MARKET

FIGURE 14 CHINA TO BE THE FASTEST-GROWING CO-FIRED CERAMIC MARKET

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE CO-FIRED CERAMIC MARKET

FIGURE 16 CO-FIRED CERAMIC MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 17 TRENDS AND FORECAST OF GDP, 2018–2024 (USD BILLION)

FIGURE 18 NEW AIRPLANE DELIVERIES, BY REGION, 2018-2037

FIGURE 19 AUTOMOTIVE PRODUCTION IN KEY COUNTRIES, MILLION UNITS (2017 VS. 2018)

FIGURE 20 LTCC TO BE THE WIDELY USED PROCESS TYPE FOR CO-FIRED CERAMIC

FIGURE 21 LTCC (LOW TEMPERATURE CO-FIRED CERAMIC) PROCESS

FIGURE 22 ASIA PACIFIC TO REGISTER THE HIGHEST CAGR FOR LTCC PROCESS TYPE

FIGURE 23 HTCC (HIGH TEMPERATURE CO-FIRED CERAMIC) PROCESS

FIGURE 24 GLASS-CERAMIC TO BE THE WIDELY USED MATERIAL TYPE FOR CO-

FIRED CERAMIC

FIGURE 25 ASIA PACIFIC TO REGISTER THE HIGHEST CAGR IN THE GLASS-CERAMIC MATERIAL SEGMENT

FIGURE 26 AUTOMOTIVE TO BE THE MAJOR END-USE INDUSTRY OF CO-FIRED CERAMIC

FIGURE 27 ASIA PACIFIC TO REGISTER THE HIGHEST CAGR IN AUTOMOTIVE END-USE INDUSTRY

FIGURE 28 CHINA TO GROW AT THE HIGHEST GROWTH RATE

FIGURE 29 ASIA PACIFIC: CO-FIRED CERAMIC MARKET SNAPSHOT

FIGURE 30 EUROPE: CO-FIRED CERAMIC MARKET SNAPSHOT

FIGURE 31 NORTH AMERICA: CO-FIRED CERAMIC MARKET SNAPSHOT

FIGURE 32 COMPANIES ADOPTED ACQUISITION, PARTNERSHIP, AND NEW PRODUCT DEVELOPMENT AS KEY GROWTH STRATEGIES BETWEEN 2015 AND 2018

FIGURE 33 CO-FIRED CERAMIC (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018

FIGURE 34 KYOCERA CORPORATION: COMPANY SNAPSHOT

FIGURE 35 KYOCERA CORPORATION: SWOT ANALYSIS

FIGURE 36 DOWDUPONT: COMPANY SNAPSHOT

FIGURE 37 DOWDUPONT: SWOT ANALYSIS

FIGURE 38 MURATA MANUFACTURING: COMPANY SNAPSHOT

FIGURE 39 MURATA MANUFACTURING: SWOT ANALYSIS

FIGURE 40 KOA CORPORATION: COMPANY SNAPSHOT

FIGURE 41 KOA CORPORATION: SWOT ANALYSIS

FIGURE 42 HITACHI METALS: COMPANY SNAPSHOT

FIGURE 43 HITACHI METALS: SWOT ANALYSIS

FIGURE 44 TDK CORPORATION: COMPANY SNAPSHOT

FIGURE 45 YOKOWO: COMPANY SNAPSHOT

FIGURE 46 NGK SPARK PLUG: COMPANY SNAPSHOT

FIGURE 47 MARUWA: COMPANY SNAPSHOT

FIGURE 48 NIKKO COMPANY: COMPANY SNAPSHOT

I would like to order

Product name: LTCC Market and HTCC Market by Process Type (LTCC, HTCC), Material Type (Glass-Ceramic, Ceramic), End-use Industry (Automotive, Telecommunications, Aerospace & Defense, Medical), Region (Asia Pacific, North America, Europe, MEA, LA) - Global Forecast to 2024

Product link: <https://marketpublishers.com/r/L707884950DEN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L707884950DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970