Electronics Ceramics & Electrical Ceramics Market by Material, Product, End-Use Industry, and Region - Global Forecast to 2021

Description: "Electronics Ceramics & Electrical Ceramics Market by Material (Alumina, Silica, Zirconia), Product (Monolithic Ceramics, Ceramic Matrix Composites), End-Use Industry (Home Appliances, Power Grids, Medical Devices), and Region - Global Forecast to 2021"

"Increasing demand for electronics ceramics & electrical ceramics in medical devices end-use industry is a prime factor for the growth of the global electronics ceramics & electrical ceramics market"

The global electronics ceramics & electrical ceramics market size (2016-2021) is estimated to reach USD 11.98 billion by 2021 at a CAGR of 4.89%. The demand for electronics ceramics & electrical ceramics is increasing due to increased usage in the manufacture of medical devices.

With the growing home appliances industry, the increased demand for high temperature stability, low thermal expansion, and durable products drives the market for electronics ceramics & electrical ceramics. The major restraint for electronics ceramics & electrical ceramics market is its higher cost in comparison to other metals and alloys.

"Home appliances: the largest end-use industry of electronics ceramics & electrical ceramics"

Electronics ceramics & electrical ceramics are used in various end-use industries such as home appliances, power grids, medical devices, mobile phones, and others. In 2015, the home appliances segment accounted for the largest market share among all the end-use industries, in terms of value as well as volume, followed by power grids, medical devices, and mobile phones.

Among all the applications, the medical devices end-use industry is estimated to register the highest CAGR between 2016 and 2021, in terms of value as well as volume. This demand is further driven by the growing need for technologically advanced electronic equipment for domestic usage.

"Rising demand in the Asia-Pacific region due to the growing living standards is the major driver for the global electronics ceramics & electrical ceramics market"

In 2015, the Asia-Pacific region is estimated to have accounted for the largest market share, in terms of value as well as volume, and this trend is expected to continue during the forecast period. Higher living standards in this region are creating a shift in demand towards more technologically advanced and innovative electronic home appliances that provide greater living comfort.

This growth is further supported by the growing medical devices industry in the Asia-Pacific region due to the increased governmental investments in the health sector. China accounted for the largest market share in this region due to the increased demand for home appliances over the last couple of years. Other emerging economies, such as India and Brazil, are the markets which are projected to grow rapidly.

In the process to determine and verify the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted.

The breakdown of primary interviews is given below.

- By Company Type - Tier 1 - 33%, Tier 2 - 60%, and Others - 7%
- By Designation - C level - 56%, Director level - 33%, and Others - 11%
- By Region - North America - 13%, Europe - 47%, Asia-Pacific - 20%, the Middle East & Africa - 13%, and South America - 7%

The key companies profiled in this market research report are Ceram Tec GmbH (Germany), Kyocera Corporation (Japan), Morgan Advanced Materials plc. (U.K.), Murata Manufacturing Co., Ltd. (Japan), McDanel Advanced Ceramic Technologies (U.S.), Ceradyne, Inc. (3M Company) (U.S.), Rauschert Steinbach GmbH (Germany), ENrG Inc. (U.S.), Mantec Technical Ceramics Ltd. (U.K.), NGK Spark Plug Co., Ltd. (Japan), and
other local players.

Research Coverage:

This research report categorizes the global electronics ceramics & electrical ceramics market on the basis of material type, product type, end-use industry, and region.

On the basis of material type:
- Alumina ceramics
- Titanate ceramics
- Zirconia ceramics
- Silica ceramics
- Others

On the basis of product type:
- Monolithic ceramics
- Ceramic matrix composites
- Ceramic coatings
- Others

On the basis of end-use industry:
- Home appliances
- Power grids
- Medical devices
- Mobile phones
- Others

On the basis of region:
- Asia-Pacific
- Europe
- North America
- Middle East & Africa
- South America

The market is further analyzed for the key countries in each of these regions.

Reasons to buy the report

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the global electronics ceramics & electrical ceramics market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.

2. It will help stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.

3. It will help stakeholders to understand competitors and gain more insights to better their position in the business. The competitive landscape section includes new product developments, partnerships, and mergers & acquisitions.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Years Considered for the Study
      1.3.2 Currency
      1.3.3 Package Size
7.2.2 Alumina Oxide
7.3 Zirconia Ceramics
7.4 Silica
7.4.1 Silicon Carbide
7.4.2 Silicon Nitride
7.5 Titanate

8 Electronics & Electrical Ceramics Market, By Product
8.1 Introduction
8.2 Monolithic Ceramics
8.3 Ceramic Matrix Composites
8.3.1 Ceramic Coatings
8.4 Others

9 Electronics Ceramics & Electrical Ceramics Market, By End-Use Industry
9.1 Introduction
9.2 Home Appliances
9.3 Power Grid
9.4 Medical Devices
9.5 Mobile Phones
9.6 Others

10 Electronics Ceramics & Electrical Ceramics Market, By Region
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.1.1 U.S.: Economic Outlook (2014)
10.2.2 Canada
10.2.2.1 Canada: Economic Outlook (2014)
10.2.3 Mexico
10.2.3.1 Mexico: Economic Outlook (2014)
10.3 Asia-Pacific
10.3.1 China
10.3.1.1 China: Economic Outlook (2014)
10.3.2 India
10.3.2.1 India: Economic Outlook (2014)
10.3.3 Japan
10.3.3.1 Japan: Economic Outlook (2014)
10.3.4 South Korea
10.3.4.1 South Korea: Economic Outlook (2014)
10.4 Europe
10.4.1 Germany
10.4.1.1 Germany, Economic Outlook (2014)
10.4.2 France
10.4.2.1 France: Economic Outlook (2014)
10.4.3 Netherlands
10.4.3.1 Netherlands: Economic Outlook (2014)
10.4.4 Russia
10.4.5 U.K.
10.4.5.1 U.K.: Economic Outlook (2014)
10.5 Middle East & South Africa
10.5.1 Middle East and Africa: Economic Outlook (2014)
10.5.2 Saudi Arabia
10.5.3 South Africa
10.6 South America
10.6.1 Brazil

11 Company Profile
11.1 Coorstek Inc.
11.1.1 Business Overview
11.1.2 Products Offered
11.1.3 Recent Developments
11.1.4 View
11.2 Ceramtec GmbH
11.2.1 Business Overview
11.2.2 Products Offered
11.2.3 Recent Developments
11.2.4 View
11.3 Kyocera Corporation
11.3.1 Business Overview
11.3.2 Products Offered
11.3.3 Recent Developments
11.3.4 SWOT Analysis
11.3.5 View
11.4 Morgan Advanced Materials
11.4.1 Business Overview
11.4.2 Products Offered
11.4.3 Recent Developments
11.4.4 SWOT Analysis
11.4.5 View
11.5 Ceradyne Inc. (3M Company)
11.5.1 Business Overview
11.5.2 Products Offered
11.5.3 Recent Developments
11.6 NGK Spark Plug Co., Ltd.
11.6.1 Business Overview
11.6.2 Products Offered
11.6.3 View
11.7 Rauschert Steinbach GmbH
11.7.1 Business Overview
11.7.2 Products Offered
11.7.3 View
11.8 Murata Manufacturing Co., Ltd.
11.8.1 Products Offered
11.8.2 View
11.9 Enrg Inc.
11.9.1 Business Overview
11.9.2 Products Offered
11.10 Mantec Technical Ceramics Ltd.
11.10.1 Business Overview
11.10.2 Products Offered

12 Other Key Players
12.1 List of Customers

13 Appendix
13.1 Insights From Industry Experts
13.2 Discussion Guide
13.3 Introducing RT: Real-Time Market Intelligence

List of Tables
Table 1 Electronics Ceramics & Electrical Ceramics Market, By Material Type
Table 2 Electronics Ceramics & Electrical Ceramics Market, By Product Type
Table 3 Electronics Ceramics & Electrical Ceramics Market, By End-Use Industry
Table 4 Trends and Forecast of GDP, 2015-2021 (USD Billion)
Table 5 Per Capita GDP vs Per Capita Electronics Ceramics & Electrical Ceramics Demand, 2015
Table 6 Automotive Industry Trends, 2011-2015 (Thousand Units)
Table 7 Oxide Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 8 Oxide Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 9 Alumina Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 10 Alumina Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 11 Titanate Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 12 Titanate Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 13 Zirconia Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 14 Zirconia Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 15 Non-Oxide Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 16 Non-Oxide Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 17 Alumina Nitride Market Size, By Region, 2014-2021 (Kiloton)
Table 18 Alumina Nitride Market Size, By Region, 2014-2021 (USD Million)
Table 19 Silicon Nitride Market Size, By Region, 2014-2021 (Kiloton)
Table 20 Silicon Nitride Market Size, By Region, 2014-2021 (USD Million)
Table 21 Silicon Carbide Market Size, By Region, 2014-2021 (Kiloton)
Table 22 Silicon Carbide Market Size, By Region, 2014-2021 (USD Million)
Table 23 Monolithic Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 24 Monolithic Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 25 Ceramic Matrix Composites Market Size, By Region, 2014-2021 (Kiloton)
Table 26 Ceramic Matrix Composites Market Size, By Region, 2014-2021 (USD Million)
Table 27 Ceramic Coatings Market Size, By Region, 2014-2021 (Kiloton)
Table 28 Ceramic Coatings Market Size, By Region, 2014-2021 (USD Million)
Table 29 Others Market Size, By Region, 2014-2021 (Kiloton)
Table 30 Others Market Size, By Region, 2014-2021 (USD Million)
Table 31 Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 32 Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 33 Electronics Ceramics & Electrical Ceramics Market Size in Electronics & Semiconductor End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 34 Electronics Ceramics & Electrical Ceramics Market Size in Electronics & Semiconductor End-Use Industry, By Region, 2014-2021 (USD Million)
Table 35 Electronics Ceramics & Electrical Ceramics Market Size in Automotive End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 36 Electronics Ceramics & Electrical Ceramics Market Size in Automotive End-Use Industry, By Region, 2014-2021 (USD Million)
Table 37 Electronics Ceramics & Electrical Ceramics Market Size in Energy & Power End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 38 Electronics Ceramics & Electrical Ceramics Market Size in Energy & Power End-Use Industry, By Region, 2014-2021 (USD Million)
Table 39 Electronics Ceramics & Electrical Ceramics Market Size in Industrial End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 40 Electronics Ceramics & Electrical Ceramics Market Size in Industrial End-Use Industry, By Region, 2014-2021 (USD Million)
Table 41 Electronics Ceramics & Electrical Ceramics Market Size in Medical End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 42 Electronics Ceramics & Electrical Ceramics Market Size in Medical End-Use Industry, By Region, 2014-2021 (USD Million)
Table 43 Electronics Ceramics & Electrical Ceramics Market Size in Military & Defense End-Use Industry, By Region, 2014-2021 (Kiloton)
Table 44 Electronics Ceramics & Electrical Ceramics Market Size in Military & Defense End-Use Industry, By Region, 2014-2021 (USD Million)
Table 45 Electronics Ceramics & Electrical Ceramics Market Size in Other End-Use Industries, By Region, 2014-2021 (Kiloton)
Table 46 Electronics Ceramics & Electrical Ceramics Market Size in Other End-Use Industries, By Region, 2014-2021 (USD Million)
Table 47 Electronics Ceramics & Electrical Ceramics Market Size, By Region, 2014-2021 (Kiloton)
Table 48 Electronics Ceramics & Electrical Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 49 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (Kiloton)
Table 50 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (USD Million)
Table 51 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (Kiloton)
Table 52 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (USD Million)
Table 53 North America: Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 54 North America: Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 55 North America: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 56 North America: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 57 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (Kiloton)
Table 58 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (USD Million)
Table 59 North America: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 60 North America: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 61 U.S.: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 62 U.S.: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 63 Canada: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 64 Canada: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 65 Mexico: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 66 Mexico: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 67 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (Kiloton)
Table 68 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (USD Million)
Table 69 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (Kiloton)
Table 70 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (USD Million)
Table 71 Asia-Pacific: Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 72 Asia-Pacific: Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 73 Asia-Pacific: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 74 Asia-Pacific: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 75 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (Kiloton)
Table 76 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (USD Million)
Table 77 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 78 Asia-Pacific: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 79 China: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 80 China: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 81 India: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 82 India: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 83 Japan: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 84 Japan: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 85 South Korea: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 86 South Korea: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 87 Europe: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (Kiloton)
Table 88 Europe: Electronics Ceramics & Electrical Ceramics Market Size, By Country, 2014-2021 (USD Million)
Table 89 Europe: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (Kiloton)
Table 90 Europe: Electronics Ceramics & Electrical Ceramics Market Size, By Material, 2014-2021 (USD Million)
Table 91 Europe: Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 92 Europe: Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 93 Europe: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 94 Europe: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 95 Europe: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (Kiloton)
Table 96 North America: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (USD Million)
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Period</th>
<th>Unit</th>
<th>Country</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>Europe: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Europe</td>
<td>Europe</td>
</tr>
<tr>
<td>98</td>
<td>Europe: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Europe</td>
<td>Europe</td>
</tr>
<tr>
<td>99</td>
<td>Germany: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Germany</td>
<td>Germany</td>
</tr>
<tr>
<td>100</td>
<td>Germany: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Germany</td>
<td>Germany</td>
</tr>
<tr>
<td>102</td>
<td>France: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>France</td>
<td>France</td>
</tr>
<tr>
<td>105</td>
<td>Russia: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Russia</td>
<td>Russia</td>
</tr>
<tr>
<td>106</td>
<td>Russia: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Russia</td>
<td>Russia</td>
</tr>
<tr>
<td>111</td>
<td>Middle East &amp; Africa: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Material, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>112</td>
<td>Middle East &amp; Africa: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Material, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>113</td>
<td>Middle East &amp; Africa: Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>114</td>
<td>Middle East &amp; Africa: Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>115</td>
<td>Middle East &amp; Africa: Non-Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>116</td>
<td>Middle East &amp; Africa: Non-Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>118</td>
<td>Middle East &amp; Africa: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Product, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>119</td>
<td>Middle East &amp; Africa: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>120</td>
<td>Middle East &amp; Africa: Electronics Ceramics &amp; Electrical Ceramics Market Size, By End-Use Industry, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>Middle East &amp; Africa</td>
<td>Middle East &amp; Africa</td>
</tr>
<tr>
<td>125</td>
<td>South America: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Country, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
<tr>
<td>126</td>
<td>South America: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Country, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
<tr>
<td>127</td>
<td>South America: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Material, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
<tr>
<td>128</td>
<td>South America: Electronics Ceramics &amp; Electrical Ceramics Market Size, By Material, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
<tr>
<td>129</td>
<td>South America: Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>Kiloton</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
<tr>
<td>130</td>
<td>South America: Oxide Ceramics Market Size, By Type, 2014-2021</td>
<td>USD Million</td>
<td>2014-2021</td>
<td>South America</td>
<td>South America</td>
</tr>
</tbody>
</table>
Table 131 South America: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (Kiloton)
Table 132 South America: Non-Oxide Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 133 South America: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (Kiloton)
Table 134 South America: Electronics Ceramics & Electrical Ceramics Market Size, By Product, 2014-2021 (USD Million)
Table 135 South America: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 136 South America: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 137 Brazil: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (Kiloton)
Table 138 Brazil: Electronics Ceramics & Electrical Ceramics Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 139 Expansions, Investments, and Agreements, 2011-2016
Table 140 New Product Launches, 2011-2016
Table 141 Mergers & Acquisitions, 2011-2016

List of Figures

Figure 1 Electronics Ceramics & Electrical Ceramics: Market Segmentation
Figure 2 Years Considered for the Study
Figure 3 Electronics Ceramics & Electrical Ceramics Market: Research Design
Figure 4 Breakdown of Primary Interviews
Figure 5 Market Size Estimation: Bottom-Up Approach
Figure 6 Market Size Estimation: Top-Down Approach
Figure 7 Data Triangulation
Figure 8 Research Assumptions
Figure 9 Research Limitations
Figure 10 Ceramic Matrix Composites: the Fastest-Growing Product Type Between 2016 and 2021
Figure 11 U.S.: the Largest Electronics Ceramics & Electrical Ceramics Market
Figure 12 Asia-Pacific: the Largest Region for Electronics Ceramics & Electrical Ceramics Market
Figure 13 Attractive Opportunities in the Electronics Ceramics & Electrical Ceramics Market, 2016-2021
Figure 14 Electronics & Semiconductor to Be the Largest End-Use Industry of Electronics Ceramics & Electrical Ceramics
Figure 15 China to Be the Largest Market in Asia-Pacific
Figure 16 Asia-Pacific Accounted for the Largest Share of the Electronics Ceramics & Electrical Ceramics Market, 2015
Figure 17 Ceramic Matrix Composites to Be the Fastest-Growing Product Type
Figure 18 Electronics Ceramics & Electrical Ceramics Market in Asia-Pacific is in the Growth Phase
Figure 19 Electronics Ceramics & Electrical Ceramics Market, By Region
Figure 20 Growing Demand of Electronics Ceramics & Electrical Ceramics in the Medical End-Use Industry
Figure 21 Electronics Ceramics & Electrical Ceramics: Value Chain Analysis
Figure 22 Porter's Five Forces Analysis: Electronics Ceramics & Electrical Ceramics Market
Figure 23 Electronics Ceramics & Electrical Ceramics Market, By Material
Figure 24 Asia-Pacific Dominates the Oxide Ceramics Market
Figure 25 Asia-Pacific to Register the Highest CAGR
Figure 26 Europe is the Second Fastest-Growing Market for Titanate Ceramics
Figure 27 North America is the Second-Largest Market for Zirconia Ceramics
Figure 28 Asia-Pacific Dominates the Non-Oxide Ceramics Market
Figure 29 Asia-Pacific Dominates the Alumina Nitride Market
Figure 30 South America is the Second Fastest-Growing Region for Silicon Nitride
Figure 31 South America is the Second Fastest-Growing Region for Silicon Nitride
Figure 32 Electronics Ceramics & Electrical Ceramics Market By Product Type
Figure 33 Revenue Pocket Matrix, By Product Type
Figure 34 Asia-Pacific Dominates the Monolithic Ceramics Market (2016-2021)
Figure 35 Asia-Pacific is the Fastest-Growing Market for Ceramic Matrix Composites (2016-2021)
Figure 36 North America is the Second-Largest Market for Ceramic Coatings (2016-2021)
Figure 37 Asia-Pacific is the Fastest-Growing Market, Followed By South-America (2016-2021)
Figure 38 Medical Segment: High Investment Opportunities
Figure 39 Market in Electronics & Semiconductor Segment to Grow Rapidly During the Forecast Period
Figure 40 Asia-Pacific is the Fastest-Growing Market for Electronics Ceramics & Electrical Ceramics in Electronics & Semiconductor End-Use Industry (2016-2021)
Figure 41 Asia-Pacific: Market Leader in the Automotive End-Use Industry, 2016-2021
Figure 42 Asia-Pacific: the Fastest-Growing Market for Electronics Ceramics & Electrical Ceramics in Energy & Power End-Use Industry, 2016-2021
Figure 43 Asia-Pacific: the Fastest-Growing Electronics Ceramics & Electrical Ceramics Market in Industrial End-Use Industry, 2016-2021
Figure 44 Asia-Pacific: Largest Market in Medical End-Use Industry in 2016
Figure 45 South America is the Second Fastest-Growing Market in Military & Defense End-Use Industry, 2016-2021
Figure 46 India, China, Japan, and Brazil are Emerging as the New Hotspots
Figure 47 The U.S. Was the Key Market for Top 3 End-Use Industries of Electronics Ceramics & Electrical Ceramics in North America (2015)
Figure 48 The U.S. to Remain the Leading Player in the Electronics Ceramics & Electrical Ceramics Market in North America Till 2021
Figure 49 Regional Snapshot (2015): Asia-Pacific to Be the Largest Market for Electronics Ceramics & Electrical Ceramics
Figure 50 China to Remain the Leading Player in the Electronics Ceramics & Electrical Ceramics Market in Asia-Pacific Till 2021
Figure 51 Regional Snapshot (2015): Germany is the Largest Market for Electronics Ceramics & Electrical Ceramics in Europe
Figure 52 Brazil: the Fastest-Growing Market for Electronics Ceramics & Electrical Ceramics in South America
Figure 53 Companies Adopted New Product Launches as the Key Growth Strategy, 2011-2016
Figure 54 Battle for Market Share: New Product Launches the Most Adopted Strategy, 2011-2016
Figure 55 Coorstek Inc.: Company Snapshot
Figure 56 Ceramtec GmbH: Company Snapshot
Figure 57 Kyocera Corporation: Company Snapshot
Figure 58 Kyocera Corporation: SWOT Analysis
Figure 59 Morgan Advanced Materials: Company Snapshot
Figure 60 Morgan Advanced Materials: SWOT Analysis
Figure 61 Ceradyne Inc.: Company Snapshot
Figure 62 NGK Spark Plug Co., Ltd.: Company Snapshot
Figure 63 Rauscher Steinbach GmbH: Company Snapshot
Figure 64 ENRG Inc.: Company Snapshot
Figure 65 Murata Manufacturing Co., Ltd.: Company Snapshot
Figure 66 Mantec Technical Ceramics Ltd.: Company Snapshot

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