

### Global Piezoelectric Ceramics Market Professional Survey Report 2016

https://marketpublishers.com/r/GC1EEE19739EN.html

Date: July 2016

Pages: 206

Price: US\$ 3,500.00 (Single User License)

ID: GC1EEE19739EN

#### **Abstracts**

Global Piezoelectric Ceramics Market Professional Survey Report 2016 is a professional and in-depth study on the current state of the Piezoelectric Ceramics industry.

The report provides a basic overview of the industry including definitions, classifications, applications and industry chain structure. The Piezoelectric Ceramics market analysis is provided for the international markets including development trends, competitive landscape analysis, and key regions development status.

Development policies and plans are discussed as well as manufacturing processes and cost structures are also analyzed. This report also states import/export consumption, supply and demand Figures, cost, price, revenue and gross margins.

The report focuses on global major leading industry players providing information such as company profiles, product picture and specification, capacity, production, price, cost, revenue and contact information. Upstream raw materials and equipment and downstream demand analysis is also carried out. The Piezoelectric Ceramics industry development trends and marketing channels are analyzed. Finally the feasibility of new investment projects are assessed and overall research conclusions offered.

With 244 les and figures the report provides key statistics on the state of the industry and is a valuable source of guidance and direction for companies and individuals interested in the market.



#### **Contents**

#### 1 INDUSTRY OVERVIEW

- 1.1 Definition and Specifications of Piezoelectric Ceramics
  - 1.1.1 Definition of Piezoelectric Ceramics
- 1.1.2 Specifications of Piezoelectric Ceramics
- 1.2 Classification of Piezoelectric Ceramics
  - 1.2.1 Lead Zinc Titanates(PZT)
  - 1.2.2 Lead Titanate (PT)
  - 1.2.3 Lead Magnesium Niobate (PMN)
- 1.3 Applications of Piezoelectric Ceramics
  - 1.3.1 Piezoelectric Transformer
- 1.3.2 Standard Signal Source
- 1.3.3 Electro-acoustic Transducer
- 1.3.4 Ultrasonic transducer
- 1.3.5 Underwater Acoustic Transducers
- 1.3.6 Filter
- 1.3.7 Sensing and Measurement
- 1.3.8 Nonlinear Element
- 1.4 Industry Chain Structure of Piezoelectric Ceramics
- 1.5 Industry Overview and Major Regjions Status of Piezoelectric Ceramics
  - 1.5.1 Industry Overview of Piezoelectric Ceramics
- 1.5.2 Global Major Regions Status of Piezoelectric Ceramics
- 1.6 Industry Policy Analysis of Piezoelectric Ceramics
- 1.7 Industry News Analysis of Piezoelectric Ceramics
- 1.7.1 For Even Better Ultrasonic Performance
- 1.7.2For Dynamic Applications in a Tough Environment

## 2 MANUFACTURING COST STRUCTURE ANALYSIS OF PIEZOELECTRIC CERAMICS

- 2.1 Raw Material Suppliers and Price Analysis of Piezoelectric Ceramics
- 2.2 Equipment Suppliers and Price Analysis of Piezoelectric Ceramics
- 2.3 Labor Cost Analysis of Piezoelectric Ceramics
- 2.4 Other Costs Analysis of Piezoelectric Ceramics
- 2.5 Manufacturing Cost Structure Analysis of Piezoelectric Ceramics
- 2.6 Manufacturing Process Analysis of Piezoelectric Ceramics

Chapter Three Piezoelectric Ceramics Technical Data and Manufacturing Plants



#### Analysis

- 3.1 2014 Global Key Manufacturers Piezoelectric Ceramics Capacity and Commercial Production Date
- 3.2 2014 Global Key Manufacturers Piezoelectric Ceramics Manufacturing Plants Distribution
- 3.3 2014 Global Key Manufacturers Piezoelectric Ceramics R&D Status and Technology Source
- 3.4 2014 Global Key Manufacturers Piezoelectric Ceramics Raw Materials Sources Analysis

#### 4 GLOBAL PIEZOELECTRIC CERAMICS OVERALL MARKET OVERVIEW

- 4.1 2011-2016E Overall Market Analysis
- 4.2 Capacity Analysis
  - 4.2.1 2011-2015 Global Piezoelectric Ceramics Capacity and Growth Rate Analysis
- 4.2.2 2015 Piezoelectric Ceramics Capacity Analysis (Company Segment)
- 4.3 Sales Analysis
  - 4.3.1 2011-2015 Global Piezoelectric Ceramics Sales and Growth Rate Analysis
  - 4.3.2 2015 Piezoelectric Ceramics Sales Analysis (Company Segment)
- 4.4 Sales Price Analysis
  - 4.4.1 2011-2015 Global Piezoelectric Ceramics Sales Price
  - 4.4.2 2015 Piezoelectric Ceramics Sales Price Analysis (Company Segment)
- 4.5 Gross Margin Analysis
  - 4.5.1 2011-2015 Global Piezoelectric Ceramics Gross Margin
  - 4.5.2 2015 Piezoelectric Ceramics Gross Margin Analysis (Company Segment)

#### **5 PIEZOELECTRIC CERAMICS REGIONAL MARKET ANALYSIS**

- 5.1 USA Piezoelectric Ceramics Market Analysis
  - 5.1.1 USA Piezoelectric Ceramics Market Overview
- 5.1.2 USA 2011-2016E Piezoelectric Ceramics Local Supply, Import, Export, Local Consumption Analysis
  - 5.1.3 USA 2011-2016E Piezoelectric Ceramics Sales Price Analysis
  - 5.1.4 USA 2015 Piezoelectric Ceramics Market Share Analysis
- 5.2 China Piezoelectric Ceramics Market Analysis
  - 5.2.1 China Piezoelectric Ceramics Market Overview
- 5.2.2 China 2011-2016E Piezoelectric Ceramics Local Supply, Import, Export, Local Consumption Analysis
  - 5.2.3 China 2011-2016E Piezoelectric Ceramics Sales Price Analysis



- 5.2.4 China 2015 Piezoelectric Ceramics Market Share Analysis
- 5.3 Europe Piezoelectric Ceramics Market Analysis
  - 5.3.1 Europe Piezoelectric Ceramics Market Overview
- 5.3.2 Europe 2011-2016E Piezoelectric Ceramics Local Supply, Import, Export, Local Consumption Analysis
  - 5.3.3 Europe 2011-2016E Piezoelectric Ceramics Sales Price Analysis
- 5.3.4 Europe 2015 Piezoelectric Ceramics Market Share Analysis
- 5.4 Japan Piezoelectric Ceramics Market Analysis
  - 5.4.1 Japan Piezoelectric Ceramics Market Overview
- 5.4.2 Japan 2011-2016E Piezoelectric Ceramics Local Supply, Import, Export, Local Consumption Analysis
  - 5.4.3 Japan 2011-2016E Piezoelectric Ceramics Sales Price Analysis
- 5.4.4 Japan 2015 Piezoelectric Ceramics Market Share Analysis

## 6 GLOBAL 2011-2016E PIEZOELECTRIC CERAMICS SEGMENT MARKET ANALYSIS (BY TYPE)

- 6.1 Global 2011-2016E Piezoelectric Ceramics Sales by Type
- 6.2 Different Types Piezoelectric Ceramics Product Interview Price Analysis
- 6.3 Different Types Piezoelectric Ceramics Product Driving Factors Analysis

# 7 GLOBAL 2011-2016E PIEZOELECTRIC CERAMICS SEGMENT MARKET ANALYSIS (BY APPLICATION)

- 7.1 Global 2011-2016E Piezoelectric Ceramics Consumption by Application
- 7.2 Different Application Piezoelectric Ceramics Product Interview Price Analysis
- 7.3 Different Application ?Product Driving Factors Analysis

Chapter Seven Piezoelectric Ceramics Key Manufacturers Analysis

- 8.1 MURATA
  - 8.1.1 Company Profile
  - 8.1.2 Product Picture and Specification
  - 8.1.3 Production Price Cost Gross Production Value Gross Margin
- 8.1.4 MURATA 2015 Piezoelectric Ceramics Business Region Distribution Analysis Figure MURATA, 2015 Piezoelectric Ceramics Business Region Distribution Analysis 8.2 TDK
  - 8.2.1 Company Profile
  - 8.2.2 Product Picture and Specification
  - 8.2.3 Production Price Cost Gross Production Value Gross Margin
- 8.2.4 TDK 2015 Piezoelectric Ceramics Business Region Distribution Analysis



#### 8.3 MORGAN

- 8.3.1 Company Profile
- 8.3.2 Product Picture and Specification
- 8.3.3 Production Price Cost Gross Production Value Gross Margin
- 8.3.4 MORGAN 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.4 TAIYO YUDEN

- 8.4.1 Company Profile
- 8.4.2 Product Picture and Specification
- 8.4.3 Production Price Cost Gross Production Value Gross Margin
- 8.4.4 TAIYO YUDEN 2015 Piezoelectric Ceramics Business Region Distribution

#### Analysis

#### 8.5 KYOCERA

- 8.5.1 Company Profile
- 8.5.2 Product Picture and Specification
- 8.5.3 Production Price Cost Gross Production Value Gross Margin
- 8.5.4 KYOCERA 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.6 CeramTec

- 8.6.1 Company Profile
- 8.6.2 Product Picture and Specification
- 8.6.3 Production Price Cost Gross Production Value Gross Margin
- 8.6.4 CeramTec 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.7 PI Ceramic

- 8.7.1 Company Profile
- 8.7.2 Product Picture and Specification
- 8.7.3 Production Price Cost Gross Production Value Gross Margin
- 8.7.4 PI Ceramic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.8 Exelis

- 8.8.1 Company Profile
- 8.8.2 Product Picture and Specification
- 8.8.3 Production Price Cost Gross Production Value Gross Margin
- 8.8.4 Exelis 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.9 Sparkler Ceramics

- 8.9.1 Company Profile
- 8.9.2 Product Picture and Specification
- 8.9.3 Production Price Cost Gross Production Value Gross Margin
- 8.9.4 Sparkler Ceramics 2015 Piezoelectric Ceramics Business Region Distribution Analysis

#### 8.10 KEPO Electronics

8.10.1 Company Profile



- 8.10.2 Product Picture and Specification
- 8.10.3 Production Price Cost Gross Production Value Gross Margin
- 8.10.4 KEPO Electronics 2015 Piezoelectric Ceramics Business Region Distribution

#### Analysis

- 8.11 APC International
  - 8.11.1 Company Profile
  - 8.11.2 Product Picture and Specification

#### **Feature**

#### **Feature**

- 8.11.3 Production Price Cost Gross Production Value Gross Margin
- 8.11.4 APC International 2015 Piezoelectric Ceramics Business Region Distribution

### Analysis

- 8.12 TRS
  - 8.12.1 Company Profile
  - 8.12.2 Product Picture and Specification
  - 8.12.3 Production Price Cost Gross Production Value Gross Margin
  - 8.12.4 TRS 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.13 Noliac
  - 8.13.1 Company Profile
  - 8.13.2 Product Picture and Specification
  - 8.13.3 Production Price Cost Gross Production Value Gross Margin
  - 8.13.4 Noliac 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.14 SensorTech
  - 8.14.1 Company Profile
  - 8.14.2 Product Picture and Specification
  - 8.14.3 Production Price Cost Gross Production Value Gross Margin
  - 8.14.4 SensorTech 2015 Piezoelectric Ceramics Business Region Distribution

#### **Analysis**

- 8.15 Meggitt Sensing
  - 8.15.1 Company Profile
  - 8.15.2 Product Picture and Specification
  - 8.15.3 Production Price Cost Gross Production Value Gross Margin
- 8.15.4 Meggitt Sensing 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.16 Johnson Matthey
  - 8.16.1 Company Profile
  - 8.16.2 Product Picture and Specification
  - 8.16.3 Production Price Cost Gross Production Value Gross Margin
  - 8.16.4 Johnson Matthey 2015 Piezoelectric Ceramics Business Region Distribution



#### **Analysis**

- 8.17 Kinetic Ceramics
  - 8.17.1 Company Profile
  - 8.17.2 Product Picture and Specification
  - 8.17.3 Production Price Cost Gross Production Value Gross Margin
  - 8.17.4 Kinetic Ceramics 2015 Piezoelectric Ceramics Business Region Distribution

### Analysis

- 8.18 Konghong
  - 8.18.1 Company Profile
  - 8.18.2 Product Picture and Specification
  - 8.18.3 Production Price Cost Gross Production Value Gross Margin
  - 8.18.4 Konghong 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.19 Jiakang Electronics
  - 8.19.1 Company Profile
  - 8.19.2 Product Picture and Specification
  - 8.19.3 Production Price Cost Gross Production Value Gross Margin
- 8.19.4 Jiakang Electronics 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.20 Datong Electronic
  - 8.20.1 Company Profile
  - 8.20.2 Product Picture and Specification
  - 8.20.3 Production Price Cost Gross Production Value Gross Margin
- 8.20.4 Datong Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.21 Audiowell
  - 8.21.1 Company Profile
  - 8.21.2 Product Picture and Specification
  - 8.21.3 Production Price Cost Gross Production Value Gross Margin
  - 8.21.4 Audiowell 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.22 Honghua Electronic
  - 8.22.1 Company Profile
  - 8.22.2 Product Picture and Specification
  - 8.22.3 Production Price Cost Gross Production Value Gross Margin
- 8.22.4 Honghua Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.23 Risun Electronic
  - 8.23.1 Company Profile
  - 8.23.2 Product Picture and Specification
  - 8.23.3 Production Price Cost Gross Production Value Gross Margin



## 8.23.4 Risun Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

- 8.24 Yuhai Electronic Ceramic
  - 8.24.1 Company Profile
  - 8.24.2 Product Picture and Specification
  - 8.24.3 Production Price Cost Gross Production Value Gross Margin
- 8.24.4 Yuhai Electronic Ceramic 2015 Piezoelectric Ceramics Business Region Distribution Analysis
- 8.25 PANT
  - 8.25.1 Company Profile
  - 8.25.2 Product Picture and Specification
  - 7.25.3 Production Price Cost Gross Production Value Gross Margin
  - 7.25.4 PANT 2015 Piezoelectric Ceramics Business Region Distribution Analysis

### 9 DEVELOPMENT TREND OF ANALYSIS OF PIEZOELECTRIC CERAMICS MARKET

- 9.1 Global Piezoelectric Ceramics Market Trend Analysis
- 9.1.1 Global 2016-2021 Piezoelectric Ceramics Market Size (Volume and Value) Forecast
- 9.1.2 Global 2016-2021 Piezoelectric Ceramics Sales Price Forecast
- 9.1.3 Global 2016-2021 Piezoelectric Ceramics Gross Margin Forecast
- 9.2 Piezoelectric Ceramics Regional Market Trend
  - 9.2.1 USA 2016-2021 Piezoelectric Ceramics Consumption Forecast
  - 9.2.2 China 2016-2021 Piezoelectric Ceramics Consumption Forecast
  - 9.2.3 Europe 2016-2021 Piezoelectric Ceramics Consumption Forecast
  - 9.2.4 Japan 2016-2021 Piezoelectric Ceramics Consumption Forecast
- 9.3 Piezoelectric Ceramics Market Trend (Product type)
- 9.4 Piezoelectric Ceramics Market Trend (Application)

#### 10 PIEZOELECTRIC CERAMICS MARKETING MODEL ANALYSIS

- 10.1 Piezoelectric Ceramics Marketing Channels Status
- 10.2 Traders or Distributors with Contact Information of Piezoelectric Ceramics by Regions
- 10.3 Piezoelectric Ceramics Supply Chain Analysis

## 11 INDUSTRY CHAIN SUPPLIERS WITH CONTACT INFORMATION OF PIEZOELECTRIC CERAMICS



- 11.1 Major Raw Materials Suppliers with Contact Information of Piezoelectric Ceramics Industry
- 11.2 Manufacturing Equipment Suppliers of Piezoelectric Ceramics with Contact Information
- 11.3 Major Suppliers of Piezoelectric Ceramics with Contact Information
- 11.4 Key Consumers of Piezoelectric Ceramics with Contact Information
- 11.5 Supply Chain Relationship Analysis of Piezoelectric Ceramics

### 12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS OF PIEZOELECTRIC CERAMICS

- 12.1 New Project SWOT Analysis of Piezoelectric Ceramics
- 12.2 Piezoelectric Ceramics New Project Investment Feasibility Analysis

### 13 CONCLUSION OF THE GLOBAL PIEZOELECTRIC CERAMICS INDUSTRY REPORT 2015



### **Tables & Figures**

#### **TABLES AND FIGURES**

Figure Picture of Piezoelectric Ceramics

Table PI Ceramic Piezoelectric Ceramics Components Dimensions

Table PI Ceramic Piezoelectric Ceramics Components Standard Tolerances

Table PI Ceramic Piezoelectric Ceramics Components Dimension Tolerance

Table Selection of Piezo-ceramic Properties

Table Classification of Piezoelectric Ceramics

Figure Global Production Market Share of Piezoelectric Ceramics by Type in 2015

Figure Lead Zinc Titanates(PZT) Picture

Figure Lead Titanate (PT) Picture

Figure Lead Magnesium Niobate (PMN) Picture

Table Application Fields of Piezoelectric Ceramics Products

Figure 2014 Global Piezoelectric Ceramics Major Applications Sales Share

Figure Piezoelectric Transformer Examples

Figure Standard Signal Source Examples

Figure Electro-acoustic Transducer Examples

Figure Ultrasonic Transducer Examples

Figure Underwater Acoustic Transducers Examples

Figure Filter Examples

Figure Sensing and Measurement Examples

Figure Nonlinear Element Examples

Figure Industry Chain Structure of Piezoelectric Ceramics

Figure Global Major Regions Piezoelectric Ceramics Development Status

Table Industry Policy of Piezoelectric Ceramics

Table Piezoelectric Ceramics Major Raw Materials with Suppliers

Table Equipment Major Suppliers and Contact Information

Figure 2014 APAC Overview of Average Monthly Labor Cost

Figure 2014 Americas Overview of Average Monthly Labor Cost

Figure 2014 EMEA Overview of Average Monthly Labor Cost

Figure 2010-2015 USA Quarterly Employment Cost Index (ECI)

Figure 2010-2015 EU Quarterly Labor Cost Index

Figure 2010-2015 Japan Yearly Manufacturing Cash Earnings and Growth Rate

Figure 2010-2014 China Yearly Average Wage of Worker and Growth Rate

Table Global Electricity Price of Industry by Country

Figure Manufacturing Cost Structure Analysis of Piezoelectric Ceramics in 2014

Figure Manufacturing Process Analysis of Piezoelectric Ceramics



Table 2014 Global and China Key Manufacturers Piezoelectric Ceramics Product Line Capacity and Commercial Production Date

Table 2014 Manufacturing Base (Factory) Global Regional Distribution

Table 2014 Global and China Key Manufacturers Piezoelectric Ceramics R&D Status and Technology Sources List

Table 2014 Global and China Key Manufacturers Piezoelectric Ceramics Raw Materials Sources List

Table Global Capacity (Million Pcs), Sales (Million Pcs), Price (USD/K Pcs), Cost (USD/K Pcs), Sales Revenue (M USD) and Gross Margin of Piezoelectric Ceramics 2011-2016

Figure Global 2011-2016E Piezoelectric Ceramics Market Size (Volume) and Growth Rate

Figure Global 2011-2016E Piezoelectric Ceramics Market Size (Value) and Growth Rate

Table 2011-2015 Global Piezoelectric Ceramics Capacity and Growth Rate Table 2015 Global Piezoelectric Ceramics Capacity (Million Pcs) List (Company Segment)

Figure 2011-2015 Global Piezoelectric Ceramics Sales and Growth Rate

Table 2015 Global Piezoelectric Ceramics Sales List (Company Segment)

Figure 2011-2015 Global Piezoelectric Ceramics Sales Price

Table 2015 Global Piezoelectric Ceramics Sales Price (USD/K Pcs) List (Company Segment)

Figure 2011-2015 Global Piezoelectric Ceramics Gross Margin

Table 2015 Global Piezoelectric Ceramics Gross Margin List (Company Segment)

Table USA Piezoelectric Ceramics Market Overview

Table USA Supply, Import, Export and Consumption of Piezoelectric Ceramics 2011-2016 (Million Pcs)

Figure USA 2011-2016E Piezoelectric Ceramics Sales Price (USD/K Pcs)

Figure USA 2015 Piezoelectric Ceramics Sales Market Share

Table China Piezoelectric Ceramics Market Overview

Table China Supply, Import, Export and Consumption of Piezoelectric Ceramics 2011-2016 (Million Pcs)

Figure China 2011-2016E Piezoelectric Ceramics Sales Price (USD/K Pcs)

Figure China 2015 Piezoelectric Ceramics Sales Market Share

Table Europe Piezoelectric Ceramics Market Overview

Table Europe Supply, Import, Export and Consumption of Piezoelectric Ceramics 2011-2016 (Million Pcs)

Figure Europe 2011-2016E Piezoelectric Ceramics Sales Price (USD/K Pcs)

Figure Europe 2015 Piezoelectric Ceramics Sales Market Share



Table Europe Piezoelectric Ceramics Market Overview

Table Japan Supply, Import, Export and Consumption of Piezoelectric Ceramics 2011-2016 (Million Pcs)

Figure Japan 2011-2016E Piezoelectric Ceramics Sales Price (USD/K Pcs)

Figure Japan 2015 Piezoelectric Ceramics Sales Market Share

Table Global 2011-2016E Piezoelectric Ceramics Sales (Million Pcs) by Type

Table Different Types Piezoelectric Ceramics Product Interview Price

Table Different Types Piezoelectric Ceramics Product Driving Factors

Table Global 2011-2016E Piezoelectric Ceramics Sales by Application

Table Different Application Piezoelectric Ceramics Product Interview Price

Table Different Application ?Product Driving Factors

Table MURATA Information List

Figure MURATA Piezoelectric Ceramics Product Picture and Specification

Table 2011-2016 MURATA Piezoelectric Ceramics Product Capacity Production (Million

Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 MURATA Piezoelectric Ceramics Product Production Global Market Share

Table TDK Information List

Figure TDK Piezoelectric Ceramics Product Picture and Specification

Table 2011-2016 TDK Piezoelectric Ceramics Product Capacity Production (Million Pcs)

Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 TDK Piezoelectric Ceramics Product Production Global Market Share

Figure TDK, 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table MORGAN Information List** 

Figure MORGAN Piezoelectric Ceramics Product Picture

Table MORGAN Piezoelectric Ceramics Product Specification

Table 2011-2016 MORGAN Piezoelectric Ceramics Product Capacity Production

(Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross

Margin List

Figure 2011-2016 MORGAN Piezoelectric Ceramics Product Production Global Market

Share

Figure MORGAN, 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table TAIYO YUDEN Information List

Figure TAIYO YUDEN Piezoelectric Ceramics Product Picture

Table TAIYO YUDEN Piezoelectric Ceramics Product Specification

Table 2011-2016 TAIYO YUDEN Piezoelectric Ceramics Product Capacity Production

(Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross

Margin List

Figure 2011-2016 TAIYO YUDEN Piezoelectric Ceramics Product Production Global



Market Share

Figure TAIYO YUDEN, 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table KYOCERA Information List

Figure KYOCERA Piezoelectric Ceramics Product Picture

Table KYOCERA Piezoelectric Ceramics Product Specification

Table 2011-2016 KYOCERA Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 KYOCERA Piezoelectric Ceramics Product Production Global Market Share

Figure KYOCERA 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table CeramTec Information List

Figure CeramTec Piezoelectric Ceramics Product Picture

Table CeramTec Piezoelectric Ceramics Product Specification

Table 2011-2016 CeramTec Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 CeramTec Piezoelectric Ceramics Product Production Global Market Share

Figure CeramTec 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table PI Ceramic Information List

Figure PI Ceramic Piezoelectric Ceramics Product Picture and Specification
Table 2011-2016 PI Ceramic Piezoelectric Ceramics Product Capacity Production
(Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross
Margin List

Figure 2011-2016 PI Ceramic Piezoelectric Ceramics Product Production Global Market Share

Figure PI Ceramic 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table Exelis Information List

Figure Exelis Piezoelectric Ceramics Product Picture

Table 2011-2016 Exelis Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List Figure 2011-2016 Exelis Piezoelectric Ceramics Product Production Global Market Share

Figure Exelis 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table Sparkler Ceramics Information List

Figure Sparkler CeramicsPiezoelectric Ceramics Product Picture

Table Sparkler Ceramics Piezoelectric Ceramics Product Specification



Table 2011-2016 Sparkler Ceramics Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 Sparkler Ceramics Piezoelectric Ceramics Product Production Global Market Share

Figure Sparkler Ceramics 2015 Piezoelectric Ceramics Bus iness Region Distribution Analysis

Table KEPO Electronics Information List

Figure KEPO Electronics Piezoelectric Ceramics Product Picture

Table 2011-2016 KEPO Electronics Piezoelectric Ceramics Product Capacity

Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 KEPO Electronics Piezoelectric Ceramics Product Production Global Market Share

Figure KEPO Electronics 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table APC International Information List

Figure APC International Piezoelectric Ceramics Product Picture 1

Figure APC INTERNATIONAL Piezoelectric Ceramics Product Picture 2

Figure APC INTERNATIONAL DISC Piezoelectric Ceramics type information

Table 2011-2016 APC International Piezoelectric Ceramics Product Capacity

Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 APC International Piezoelectric Ceramics Product Production Global Market Share

Figure APC International 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table TRS Information List** 

Figure TRS Piezoelectric Ceramics Product Picture

Table TRS Piezoelectric Ceramics Product Specification

Table 2011-2016 TRS Piezoelectric Ceramics Product Capacity Production (Million Pcs)

Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 TRS Piezoelectric Ceramics Product Production Global Market Share

Figure TRS 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table Noliac Information List** 

Figure Noliac Piezoelectric Ceramics Product Picture

Table Noliac Piezoelectric Ceramics Product Specification

Table 2011-2016 Noliac Piezoelectric Ceramics Product Capacity Production (Million

Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List



Figure 2011-2016 Noliac Piezoelectric Ceramics Product Production Global Market Share

Figure Noliac 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table SensorTech Information List

Figure SensorTech Piezoelectric Ceramics Product Picture

Table SensorTech Piezoelectric Ceramics Product Specification

Table 2011-2016 SensorTech Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 SensorTech Piezoelectric Ceramics Product Production Global Market Share

Figure SensorTech 2015 Piezoelectric Ceramics Business Region Distribution Analysis Table Meggitt Sensing Information List

Figure Meggitt Sensing Piezoelectric Ceramics Product Picture

Table Meggitt Sensing Piezoelectric Ceramics Product Specification

Table 2011-2016 Meggitt Sensing Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 Meggitt Sensing Piezoelectric Ceramics Product Capacity Production (Million Pcs) and Growth Rate

Figure Meggitt Sensing 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table Johnson Matthey Information List

Figure Johnson Matthey Piezoelectric Ceramics Product Picture

Table Johnson Matthey Piezoelectric Ceramics Product Specification

Table 2011-2016 Johnson Matthey Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 Johnson Matthey Piezoelectric Ceramics Product Production Global Market Share

Figure Johnson Matthey 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table Kinetic Ceramics Information List** 

Figure Kinetic Ceramics Piezoelectric Ceramics Product Picture

Table Kinetic Ceramics Piezoelectric Ceramics Product Specification

Table Kinetic Ceramics 2011-2016 Kinetic Ceramics Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure Kinetic Ceramics 2011-2016 Kinetic Ceramics Piezoelectric Ceramics Product



Production Global Market Share

Figure Kinetic Ceramics 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table Konghong Information List** 

Figure Konghong Piezoelectric Ceramics Product Picture

Table Kinetic Ceramics Piezoelectric Ceramics Product Specification

Table 2011-2016 Konghong Piezoelectric Ceramics Product Capacity Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 Konghong Piezoelectric Ceramics Product Production Global Market Share

Figure Konghong Electronics 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table Jiakang Electronics Information List

Figure Jiakang Electronics Piezoelectric Ceramics Product Picture

Table 2011-2016 Jiakang Electronics Piezoelectric Ceramics Product Capacity

Production (Million Pcs) Price Cost Gross (USD/K Pcs) Production Value (Million USD) Gross Margin List

Figure 2011-2016 Jiakang Electronics Piezoelectric Ceramics Product Production Global Market Share

Figure Jiakang Electronics 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table Datong Electronic Information List

Figure Datong Electronic Piezoelectric Ceramics Product

Table Datong Electronic Piezoelectric Ceramics Product Specification

Table 2011-2016 Datong Electronic Piezoelectric Ceramics Production (M Pcs) Price (USD/K Pcs) Cost Gross Production Value (Million USD) Gross Margin List

Figure 2011-2016 Datong Electronic Piezoelectric Ceramics Production Global Market Share

Figure Datong Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

**Table Audiowell Information List** 

Figure Audiowell Piezoelectric Ceramics Product Picture

Table Audiowell Piezoelectric Ceramics Product Specification

Table 2011-2016 Audiowell Piezoelectric Ceramics Production (M Pcs) Price (USD/K

Pcs) Cost Gross Production Value (Million USD) Gross Margin List

Figure 2011-2016 Audiowell Piezoelectric Ceramics Production Global Market Share Figure Audiowell Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis



Table Honghua Electronic Information List

Figure Honghua Electronic Piezoelectric Ceramics Product and Specification
Table 2011-2016 Honghua Electronic Piezoelectric Ceramics Production (M Pcs) Price
(USD/K Pcs) Cost Gross Production Value (Million USD) Gross Margin List
Figure 2011-2016 Honghua Electronic Piezoelectric Ceramics Production Global Market
Share

Figure Honghua Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table Risun Electronic Information List

Figure Risun Electronic Piezoelectric Ceramics Product

Table Risun Electronic Piezoelectric Ceramics Product Specification

Table 2011-2016 Risun Electronic Piezoelectric Ceramics Production (M Pcs) Price (USD/K Pcs) Cost Gross Production Value (Million USD) Gross Margin List Figure 2011-2016 Risun Electronic Piezoelectric Ceramics Production Global Market

Figure Risun Electronic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table Yuhai Electronic Ceramic Information List

Figure Yuhai Electronic Ceramic Piezoelectric Ceramics Product

Table 2011-2016 Yuhai Electronic Ceramic Piezoelectric Ceramics Production (M Pcs)

Price (USD/K Pcs) Cost Gross Production Value (Million USD) Gross Margin List

Figure 2011-2016 Yuhai Electronic Ceramic Piezoelectric Ceramics Capacity

Production (Million Pcs) and Growth Rate

Figure 2011-2016 Yuhai Electronic Ceramic Piezoelectric Ceramics Production Global Market Share

Figure Yuhai Electronic Ceramic 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Table PANT Information List

Figure PANT Piezoelectric Ceramics Product

Figure PANT Piezoelectric Ceramics Product Specification

Table 2011-2016 PANT Piezoelectric Ceramics Production (M Pcs) Price (USD/K Pcs)

Cost Gross Production Value (Million USD) Gross Margin List

Figure 2011-2016 PANT Piezoelectric Ceramics Production Global Market Share

Figure PANT 2015 Piezoelectric Ceramics Business Region Distribution Analysis

Figure Global 2016-2021 Piezoelectric Ceramics Market Size (Volume) and Growth

Rate Forecast

Share

Figure Global 2016-2021 Piezoelectric Ceramics Market Size (Value) and Growth Rate Forecast

Figure Global 2016-2021 Piezoelectric Ceramics Sales Price (USD/K Pcs) Forecast



Figure Global 2016-2021 Piezoelectric Ceramics Gross Margin Forecast
Figure USA 2016-2021 Piezoelectric Ceramics Consumption Volume and Growth Rate
Forecast

Figure USA 2016-2021 Piezoelectric Ceramics Market Size (Value) and Growth Rate Forecast

Figure USA 2016-2021 Piezoelectric Ceramics Sales Price (USD/K Pcs) Forecast Figure China 2016-2021 Piezoelectric Ceramics Consumption Volume and Growth Rate Forecast

Figure China 2016-2021 Piezoelectric Ceramics Market Size (Value) and Growth Rate Forecast

Figure China 2016-2021 Piezoelectric Ceramics Sales Price (USD/K Pcs) Forecast Figure Europe 2016-2021 Piezoelectric Ceramics Consumption Volume and Growth Rate Forecast

Figure Europe 2016-2021 Piezoelectric Ceramics Market Size (Value) and Growth Rate Forecast

Figure Europe 2016-2021 Piezoelectric Ceramics Sales Price (USD/K Pcs) Forecast Figure Japan 2016-2021 Piezoelectric Ceramics Consumption Volume and Growth Rate Forecast

Figure Japan 2016-2021 Piezoelectric Ceramics Market Size (Value) and Growth Rate Forecast

Figure Japan 2016-2021 Piezoelectric Ceramics Sales Price (USD/K Pcs) Forecast Table Global Sales Volume (M Pcs) of Piezoelectric Ceramics by Types 2016-2021 Table Global Consumption Volume (M Pcs) of Piezoelectric Ceramics by Applications 2016-2021

Figure Piezoelectric Ceramics Marketing Channels Share in 2015

Table Piezoelectric Ceramics Global Key Distributors Analysis

Table Regional Import, Export, and Trade of Piezoelectric Ceramics (M Pcs)

Table Major Raw Materials Suppliers with Contact Information of Piezoelectric Ceramics Industry

Table Manufacturing Equipment Suppliers of Piezoelectric Ceramics with Contact Information

Table Major Suppliers of Piezoelectric Ceramics with Contact Information

Table Key Consumers of Piezoelectric Ceramics with Contact Information

Table Supply Chain Relationship Analysis of Piezoelectric Ceramics

Table New Project SWOT Analysis of Piezoelectric Ceramics

Table Annual output of 100 Million Pcs Piezoelectric Ceramics Project Return on Investment and Feasibility Analysis

Table Units of Measurement List



#### I would like to order

Product name: Global Piezoelectric Ceramics Market Professional Survey Report 2016

Product link: https://marketpublishers.com/r/GC1EEE19739EN.html

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/GC1EEE19739EN.html">https://marketpublishers.com/r/GC1EEE19739EN.html</a>

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

| Email:        |                           |
|---------------|---------------------------|
| Company:      |                           |
| Address:      |                           |
| City:         |                           |
| Zip code:     |                           |
| Country:      |                           |
| Tel:          |                           |
| Fax:          |                           |
| Your message: |                           |
|               |                           |
|               |                           |
|               |                           |
|               | **All fields are required |
|               | Custumer signature        |
|               |                           |

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

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