

# EMEA (Europe, Middle East and Africa) Piezoelectric Smart Materials Market Report 2017

https://marketpublishers.com/r/E9A403BB71BWEN.html

Date: October 2017

Pages: 102

Price: US\$ 4,000.00 (Single User License)

ID: E9A403BB71BWEN

# **Abstracts**

In this report, the EMEA Piezoelectric Smart Materials market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split EMEA into Europe, the Middle East and Africa, With sales (K MT), revenue (Million USD), market share and growth rate of Piezoelectric Smart Materials for these regions, from 2012 to 2022 (forecast)

Europe: Germany, France, UK, Russia, Italy and Benelux;

Middle East: Saudi Arabia, Israel, UAE and Iran;

Africa: South Africa, Nigeria, Egypt and Algeria.

EMEA Piezoelectric Smart Materials market competition by top manufacturers/players, with Piezoelectric Smart Materials sales volume (K MT), price (USD/MT), revenue (Million USD) and market share for each manufacturer/player; the top players including

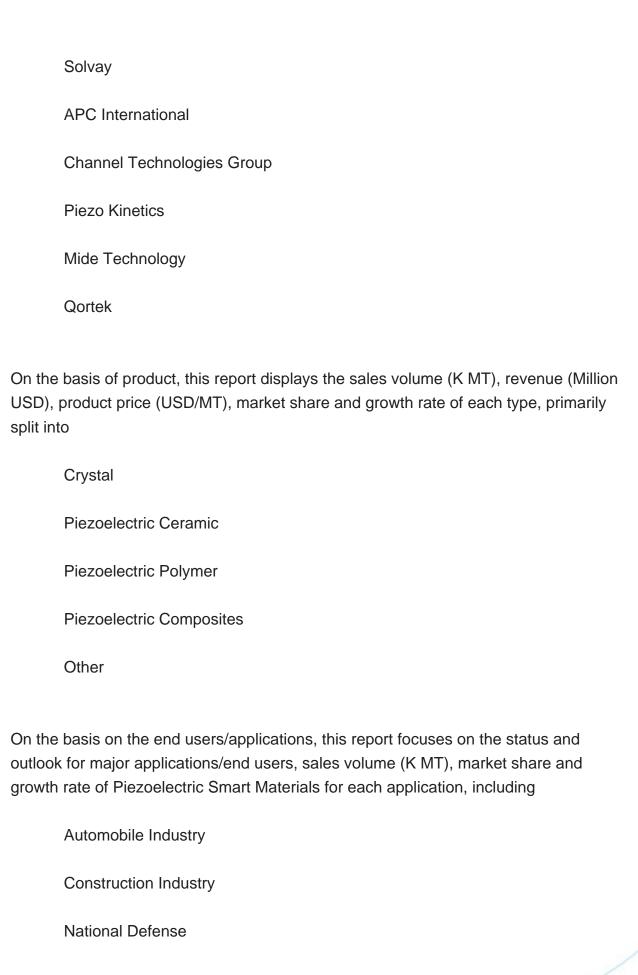
**AAC Technologies** 

Arkema

**CEDRAT TECHNOLOGIES** 

Kyocera







Sensor			
Semiconductor			
Other			

If you have any special requirements, please let us know and we will offer you the report as you want.



# **Contents**

EMEA (Europe, Middle East and Africa) Piezoelectric Smart Materials Market Report 2017

#### 1 PIEZOELECTRIC SMART MATERIALS OVERVIEW

- 1.1 Product Overview and Scope of Piezoelectric Smart Materials
- 1.2 Classification of Piezoelectric Smart Materials
- 1.2.1 EMEA Piezoelectric Smart Materials Market Size (Sales) Comparison by Type (2012-2022)
- 1.2.2 EMEA Piezoelectric Smart Materials Market Size (Sales) Market Share by Type (Product Category) in 2016
  - 1.2.3 Crystal
  - 1.2.4 Piezoelectric Ceramic
  - 1.2.5 Piezoelectric Polymer
  - 1.2.6 Piezoelectric Composites
  - 1.2.7 Other
- 1.3 EMEA Piezoelectric Smart Materials Market by Application/End Users
- 1.3.1 EMEA Piezoelectric Smart Materials Sales (Volume) and Market Share Comparison by Application (2012-2022
  - 1.3.2 Automobile Industry
  - 1.3.3 Construction Industry
  - 1.3.4 National Defense
  - 1.3.5 Sensor
  - 1.3.6 Semiconductor
  - 1.3.7 Other
- 1.4 EMEA Piezoelectric Smart Materials Market by Region
- 1.4.1 EMEA Piezoelectric Smart Materials Market Size (Value) Comparison by Region (2012-2022)
  - 1.4.2 Europe Status and Prospect (2012-2022)
  - 1.4.3 Middle East Status and Prospect (2012-2022)
  - 1.4.4 Africa Status and Prospect (2012-2022)
- 1.5 EMEA Market Size (Value and Volume) of Piezoelectric Smart Materials (2012-2022)
  - 1.5.1 EMEA Piezoelectric Smart Materials Sales and Growth Rate (2012-2022)
  - 1.5.2 EMEA Piezoelectric Smart Materials Revenue and Growth Rate (2012-2022)

#### 2 EMEA PIEZOELECTRIC SMART MATERIALS COMPETITION BY



#### MANUFACTURERS/PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION

- 2.1 EMEA Piezoelectric Smart Materials Market Competition by Players/Manufacturers
- 2.1.1 EMEA Piezoelectric Smart Materials Sales Volume and Market Share of Major Players (2012-2017)
  - 2.1.2 EMEA Piezoelectric Smart Materials Revenue and Share by Players (2012-2017)
- 2.1.3 EMEA Piezoelectric Smart Materials Sale Price by Players (2012-2017)
- 2.2 EMEA Piezoelectric Smart Materials (Volume and Value) by Type/Product Category
- 2.2.1 EMEA Piezoelectric Smart Materials Sales and Market Share by Type (2012-2017)
- 2.2.2 EMEA Piezoelectric Smart Materials Revenue and Market Share by Type (2012-2017)
- 2.2.3 EMEA Piezoelectric Smart Materials Sale Price by Type (2012-2017)
- 2.3 EMEA Piezoelectric Smart Materials (Volume) by Application
- 2.4 EMEA Piezoelectric Smart Materials (Volume and Value) by Region
- 2.4.1 EMEA Piezoelectric Smart Materials Sales and Market Share by Region (2012-2017)
- 2.4.2 EMEA Piezoelectric Smart Materials Revenue and Market Share by Region (2012-2017)
  - 2.4.3 EMEA Piezoelectric Smart Materials Sales Price by Region (2012-2017)

# 3 EUROPE PIEZOELECTRIC SMART MATERIALS (VOLUME, VALUE AND SALES PRICE), BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 3.1 Europe Piezoelectric Smart Materials Sales and Value (2012-2017)
- 3.1.1 Europe Piezoelectric Smart Materials Sales Volume and Growth Rate (2012-2017)
  - 3.1.2 Europe Piezoelectric Smart Materials Revenue and Growth Rate (2012-2017)
- 3.2 Europe Piezoelectric Smart Materials Sales and Market Share by Type
- 3.3 Europe Piezoelectric Smart Materials Sales and Market Share by Application
- 3.4 Europe Piezoelectric Smart Materials Sales Volume and Value (Revenue) by Countries
- 3.4.1 Europe Piezoelectric Smart Materials Sales Volume by Countries (2012-2017)
- 3.4.2 Europe Piezoelectric Smart Materials Revenue by Countries (2012-2017)
- 3.4.3 Germany Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 3.4.4 France Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 3.4.5 UK Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 3.4.6 Russia Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 3.4.7 Italy Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)



3.4.8 Benelux Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)

# 4 MIDDLE EAST PIEZOELECTRIC SMART MATERIALS (VOLUME, VALUE AND SALES PRICE), BY REGION, TYPE AND APPLICATION

- 4.1 Middle East Piezoelectric Smart Materials Sales and Value (2012-2017)
- 4.1.1 Middle East Piezoelectric Smart Materials Sales Volume and Growth Rate (2012-2017)
- 4.1.2 Middle East Piezoelectric Smart Materials Revenue and Growth Rate (2012-2017)
- 4.2 Middle East Piezoelectric Smart Materials Sales and Market Share by Type
- 4.3 Middle East Piezoelectric Smart Materials Sales and Market Share by Application
- 4.4 Middle East Piezoelectric Smart Materials Sales Volume and Value (Revenue) by Countries
- 4.4.1 Middle East Piezoelectric Smart Materials Sales Volume by Countries (2012-2017)
- 4.4.2 Middle East Piezoelectric Smart Materials Revenue by Countries (2012-2017)
- 4.4.3 Saudi Arabia Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 4.4.4 Israel Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 4.4.5 UAE Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
- 4.4.6 Iran Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)

# 5 AFRICA PIEZOELECTRIC SMART MATERIALS (VOLUME, VALUE AND SALES PRICE) BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 5.1 Africa Piezoelectric Smart Materials Sales and Value (2012-2017)
  - 5.1.1 Africa Piezoelectric Smart Materials Sales Volume and Growth Rate (2012-2017)
  - 5.1.2 Africa Piezoelectric Smart Materials Revenue and Growth Rate (2012-2017)
- 5.2 Africa Piezoelectric Smart Materials Sales and Market Share by Type
- 5.3 Africa Piezoelectric Smart Materials Sales and Market Share by Application
- 5.4 Africa Piezoelectric Smart Materials Sales Volume and Value (Revenue) by Countries
  - 5.4.1 Africa Piezoelectric Smart Materials Sales Volume by Countries (2012-2017)
  - 5.4.2 Africa Piezoelectric Smart Materials Revenue by Countries (2012-2017)
  - 5.4.3 South Africa Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
  - 5.4.4 Nigeria Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
  - 5.4.5 Egypt Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)
  - 5.4.6 Algeria Piezoelectric Smart Materials Sales and Growth Rate (2012-2017)



# 6 EMEA PIEZOELECTRIC SMART MATERIALS MANUFACTURERS/PLAYERS PROFILES AND SALES DATA

- 6.1 AAC Technologies
  - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.1.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.1.2.1 Product A
    - 6.1.2.2 Product B
- 6.1.3 AAC Technologies Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.1.4 Main Business/Business Overview
- 6.2 Arkema
  - 6.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.2.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.2.2.1 Product A
    - 6.2.2.2 Product B
- 6.2.3 Arkema Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.2.4 Main Business/Business Overview
- 6.3 CEDRAT TECHNOLOGIES
  - 6.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.3.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.3.2.1 Product A
    - 6.3.2.2 Product B
- 6.3.3 CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.3.4 Main Business/Business Overview
- 6.4 Kyocera
  - 6.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.4.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.4.2.1 Product A
    - 6.4.2.2 Product B
- 6.4.3 Kyocera Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.4.4 Main Business/Business Overview
- 6.5 Solvay
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.5.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.5.2.1 Product A



- 6.5.2.2 Product B
- 6.5.3 Solvay Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.5.4 Main Business/Business Overview
- 6.6 APC International
  - 6.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.6.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.6.2.1 Product A
    - 6.6.2.2 Product B
- 6.6.3 APC International Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.6.4 Main Business/Business Overview
- 6.7 Channel Technologies Group
  - 6.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.7.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.7.2.1 Product A
    - 6.7.2.2 Product B
- 6.7.3 Channel Technologies Group Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.7.4 Main Business/Business Overview
- 6.8 Piezo Kinetics
  - 6.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.8.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.8.2.1 Product A
    - 6.8.2.2 Product B
- 6.8.3 Piezo Kinetics Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.8.4 Main Business/Business Overview
- 6.9 Mide Technology
  - 6.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.9.2 Piezoelectric Smart Materials Product Type, Application and Specification
    - 6.9.2.1 Product A
    - 6.9.2.2 Product B
- 6.9.3 Mide Technology Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.9.4 Main Business/Business Overview
- 6.10 Qortek
- 6.10.1 Company Basic Information, Manufacturing Base and Competitors
- 6.10.2 Piezoelectric Smart Materials Product Type, Application and Specification



- 6.10.2.1 Product A
- 6.10.2.2 Product B
- 6.10.3 Qortek Piezoelectric Smart Materials Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.10.4 Main Business/Business Overview

#### 7 PIEZOELECTRIC SMART MATERIALS MANUFACTURING COST ANALYSIS

- 7.1 Piezoelectric Smart Materials Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials
- 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Piezoelectric Smart Materials

### 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Piezoelectric Smart Materials Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Piezoelectric Smart Materials Major Manufacturers in 2016
- 8.4 Downstream Buyers

# 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List



#### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

# 11 EMEA PIEZOELECTRIC SMART MATERIALS MARKET FORECAST (2017-2022)

- 11.1 EMEA Piezoelectric Smart Materials Sales, Revenue and Price Forecast (2017-2022)
- 11.1.1 EMEA Piezoelectric Smart Materials Sales and Growth Rate Forecast (2017-2022)
- 11.1.2 EMEA Piezoelectric Smart Materials Revenue and Growth Rate Forecast (2017-2022)
- 11.1.3 EMEA Piezoelectric Smart Materials Price and Trend Forecast (2017-2022)
- 11.2 EMEA Piezoelectric Smart Materials Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.3 Europe Piezoelectric Smart Materials Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.4 Middle Eastt Piezoelectric Smart Materials Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.5 Africa Piezoelectric Smart Materials Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.6 EMEA Piezoelectric Smart Materials Sales Forecast by Type (2017-2022)
- 11.7 EMEA Piezoelectric Smart Materials Sales Forecast by Application (2017-2022)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### 13 APPENDIX

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
- 13.2.1 Secondary Sources
- 13.2.2 Primary Sources



### 13.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Product Picture of Piezoelectric Smart Materials

Figure EMEA Piezoelectric Smart Materials Sales Volume (K MT) by Type (2012-2022)

Figure EMEA Piezoelectric Smart Materials Sales Volume Market Share by Type

(Product Category) in 2016

Figure Crystal Product Picture

Figure Piezoelectric Ceramic Product Picture

Figure Piezoelectric Polymer Product Picture

Figure Piezoelectric Composites Product Picture

Figure Other Product Picture

Figure EMEA Piezoelectric Smart Materials Sales Volume (K MT) by Application (2012-2022)

Figure EMEA Sales Market Share of Piezoelectric Smart Materials by Application in 2016

Figure Automobile Industry Examples

Table Key Downstream Customer in Automobile Industry

Figure Construction Industry Examples

Table Key Downstream Customer in Construction Industry

Figure National Defense Examples

Table Key Downstream Customer in National Defense

Figure Sensor Examples

Table Key Downstream Customer in Sensor

Figure Semiconductor Examples

Table Key Downstream Customer in Semiconductor

Figure Other Examples

Table Key Downstream Customer in Other

Figure EMEA Piezoelectric Smart Materials Market Size (Million USD) by Region (2012-2022)

Figure Europe Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Piezoelectric Smart Materials Revenue (Million USD) Status and Forecast by Countries

Figure Middle East Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2022)

Figure Middle East Piezoelectric Smart Materials Revenue (Million USD) Status and Forecast by Countries



Figure Africa Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2022)

Figure Africa Piezoelectric Smart Materials Revenue (Million USD) Status and Forecast by Countries

Figure EMEA Piezoelectric Smart Materials Sales Volume and Growth Rate (2012-2022)

Figure EMEA Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2022)

Figure EMEA Piezoelectric Smart Materials Market Major Players Product Sales Volume (K MT) (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales Volume (K MT) of Major Players (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales Share by Players (2012-2017)

Figure 2016 Piezoelectric Smart Materials Sales Share by Players

Figure 2017 Piezoelectric Smart Materials Sales Share by Players

Figure EMEA Piezoelectric Smart Materials Market Major Players Product Revenue (Million USD) (2012-2017)

Table EMEA Piezoelectric Smart Materials Revenue (Million USD) by Players (2012-2017)

Table EMEA Piezoelectric Smart Materials Revenue Share by Players (2012-2017)

Table 2016 EMEA Piezoelectric Smart Materials Revenue Share by Players

Table 2017 EMEA Piezoelectric Smart Materials Revenue Share by Players

Table EMEA Piezoelectric Smart Materials Sale Price (USD/MT) by Players (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales (K MT) and Market Share by Type (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales Share by Type (2012-2017)

Figure Sales Market Share of Piezoelectric Smart Materials by Type (2012-2017)

Figure EMEA Piezoelectric Smart Materials Sales Market Share by Type (2012-2017)

Table EMEA Piezoelectric Smart Materials Revenue (Million USD) and Market Share by Type (2012-2017)

Table EMEA Piezoelectric Smart Materials Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Piezoelectric Smart Materials by Type in 2016

Table EMEA Piezoelectric Smart Materials Sale Price (USD/MT) by Type (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales (K MT) and Market Share by Application (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales Share by Application (2012-2017)

Figure Sales Market Share of Piezoelectric Smart Materials by Application (2012-2017)

Figure EMEA Piezoelectric Smart Materials Sales Market Share by Application in 2016



Table EMEA Piezoelectric Smart Materials Sales (K MT) and Market Share by Region (2012-2017)

Table EMEA Piezoelectric Smart Materials Sales Share by Region (2012-2017)

Figure Sales Market Share of Piezoelectric Smart Materials by Region (2012-2017)

Figure EMEA Piezoelectric Smart Materials Sales Market Share in 2016

Table EMEA Piezoelectric Smart Materials Revenue (Million USD) and Market Share by Region (2012-2017)

Table EMEA Piezoelectric Smart Materials Revenue Share by Region (2012-2017)

Figure Revenue Market Share of Piezoelectric Smart Materials by Region (2012-2017)

Figure EMEA Piezoelectric Smart Materials Revenue Market Share Regions in 2016

Table EMEA Piezoelectric Smart Materials Sales Price (USD/MT) by Region (2012-2017)

Figure Europe Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Europe Piezoelectric Smart Materials Revenue and Growth Rate (2012-2017)

Table Europe Piezoelectric Smart Materials Sales (K MT) by Type (2012-2017)

Table Europe Piezoelectric Smart Materials Market Share by Type (2012-2017)

Figure Europe Piezoelectric Smart Materials Market Share by Type in 2016

Table Europe Piezoelectric Smart Materials Sales (K MT) by Application (2012-2017)

Table Europe Piezoelectric Smart Materials Market Share by Application (2012-2017)

Figure Europe Piezoelectric Smart Materials Market Share by Application in 2016

Table Europe Piezoelectric Smart Materials Sales (K MT) by Countries (2012-2017)

Table Europe Piezoelectric Smart Materials Sales Market Share by Countries (2012-2017)

Figure Europe Piezoelectric Smart Materials Sales Market Share by Countries (2012-2017)

Figure Europe Piezoelectric Smart Materials Sales Market Share by Countries in 2016 Table Europe Piezoelectric Smart Materials Revenue (Million USD) by Countries (2012-2017)

Table Europe Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Europe Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Europe Piezoelectric Smart Materials Revenue Market Share by Countries in 2016

Figure Germany Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure France Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)



Figure UK Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure Russia Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Italy Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure Benelux Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Middle East Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Middle East Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2017)

Table Middle East Piezoelectric Smart Materials Sales (K MT) by Type (2012-2017)
Table Middle East Piezoelectric Smart Materials Market Share by Type (2012-2017)
Figure Middle East Piezoelectric Smart Materials Market Share by Type (2012-2017)
Table Middle East Piezoelectric Smart Materials Sales (K MT) by Applications (2012-2017)

Table Middle East Piezoelectric Smart Materials Market Share by Applications (2012-2017)

Figure Middle East Piezoelectric Smart Materials Sales Market Share by Application in 2016

Table Middle East Piezoelectric Smart Materials Sales Volume (K MT) by Countries (2012-2017)

Table Middle East Piezoelectric Smart Materials Sales Volume Market Share by Countries (2012-2017)

Figure Middle East Piezoelectric Smart Materials Sales Volume Market Share by Countries in 2016

Table Middle East Piezoelectric Smart Materials Revenue (Million USD) by Countries (2012-2017)

Table Middle East Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Middle East Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Middle East Piezoelectric Smart Materials Revenue Market Share by Countries in 2016

Figure Saudi Arabia Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Israel Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure UAE Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure Iran Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure Africa Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)



Figure Africa Piezoelectric Smart Materials Revenue (Million USD) and Growth Rate (2012-2017)

Table Africa Piezoelectric Smart Materials Sales (K MT) by Type (2012-2017)

Table Africa Piezoelectric Smart Materials Sales Market Share by Type (2012-2017)

Figure Africa Piezoelectric Smart Materials Sales Market Share by Type (2012-2017)

Figure Africa Piezoelectric Smart Materials Sales Market Share by Type in 2016

Table Africa Piezoelectric Smart Materials Sales (K MT) by Application (2012-2017)

Table Africa Piezoelectric Smart Materials Sales Market Share by Application (2012-2017)

Figure Africa Piezoelectric Smart Materials Sales Market Share by Application (2012-2017)

Table Africa Piezoelectric Smart Materials Sales Volume (K MT) by Countries (2012-2017)

Table Africa Piezoelectric Smart Materials Sales Market Share by Countries (2012-2017)

Figure Africa Piezoelectric Smart Materials Sales Market Share by Countries (2012-2017)

Figure Africa Piezoelectric Smart Materials Sales Market Share by Countries in 2016 Table Africa Piezoelectric Smart Materials Revenue (Million USD) by Countries (2012-2017)

Table Africa Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Africa Piezoelectric Smart Materials Revenue Market Share by Countries (2012-2017)

Figure Africa Piezoelectric Smart Materials Revenue Market Share by Countries in 2016 Figure South Africa Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Nigeria Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Egypt Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017) Figure Algeria Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Table AAC Technologies Piezoelectric Smart Materials Basic Information List Table AAC Technologies Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure AAC Technologies Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure AAC Technologies Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)



Figure AAC Technologies Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Arkema Piezoelectric Smart Materials Basic Information List

Table Arkema Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD),

Price (USD/MT) and Gross Margin (2012-2017)

Figure Arkema Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Arkema Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017) Figure Arkema Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Basic Information List Table CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Sales (K MT),

Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)

Figure CEDRAT TECHNOLOGIES Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Kyocera Piezoelectric Smart Materials Basic Information List

Table Kyocera Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD),

Price (USD/MT) and Gross Margin (2012-2017)

Figure Kyocera Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Kyocera Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017) Figure Kyocera Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Solvay Piezoelectric Smart Materials Basic Information List

Table Solvay Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Solvay Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Solvay Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017) Figure Solvay Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table APC International Piezoelectric Smart Materials Basic Information List Table APC International Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure APC International Piezoelectric Smart Materials Sales (K MT) and Growth Rate



(2012-2017)

Figure APC International Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)

Figure APC International Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Channel Technologies Group Piezoelectric Smart Materials Basic Information List Table Channel Technologies Group Piezoelectric Smart Materials Sales (K MT),

Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Channel Technologies Group Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Channel Technologies Group Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)

Figure Channel Technologies Group Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Piezo Kinetics Piezoelectric Smart Materials Basic Information List

Table Piezo Kinetics Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Piezo Kinetics Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Piezo Kinetics Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)

Figure Piezo Kinetics Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Mide Technology Piezoelectric Smart Materials Basic Information List Table Mide Technology Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Mide Technology Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Mide Technology Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017)

Figure Mide Technology Piezoelectric Smart Materials Revenue Market Share in EMEA (2012-2017)

Table Qortek Piezoelectric Smart Materials Basic Information List

Table Qortek Piezoelectric Smart Materials Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Qortek Piezoelectric Smart Materials Sales (K MT) and Growth Rate (2012-2017)

Figure Qortek Piezoelectric Smart Materials Sales Market Share in EMEA (2012-2017) Figure Qortek Piezoelectric Smart Materials Revenue Market Share in EMEA



(2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Piezoelectric Smart Materials

Figure Manufacturing Process Analysis of Piezoelectric Smart Materials

Figure Piezoelectric Smart Materials Industrial Chain Analysis

Table Raw Materials Sources of Piezoelectric Smart Materials Major Manufacturers in 2016

Table Major Buyers of Piezoelectric Smart Materials

Table Distributors/Traders List

Figure EMEA Piezoelectric Smart Materials Sales (K MT) and Growth Rate Forecast (2017-2022)

Figure EMEA Piezoelectric Smart Materials Revenue and Growth Rate Forecast (2017-2022)

Figure EMEA Piezoelectric Smart Materials Price (USD/MT) and Trend Forecast (2017-2022)

Table EMEA Piezoelectric Smart Materials Sales (K MT) Forecast by Region (2017-2022)

Figure EMEA Piezoelectric Smart Materials Sales Market Share Forecast by Region (2017-2022)

Table EMEA Piezoelectric Smart Materials Revenue (Million USD) Forecast by Region (2017-2022)

Figure EMEA Piezoelectric Smart Materials Revenue Market Share Forecast by Region (2017-2022)

Table Europe Piezoelectric Smart Materials Sales (K MT) Forecast by Countries (2017-2022)

Figure Europe Piezoelectric Smart Materials Sales Market Share Forecast by Countries (2017-2022)

Table Europe Piezoelectric Smart Materials Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Europe Piezoelectric Smart Materials Revenue Market Share Forecast by Countries (2017-2022)

Table Middle East Piezoelectric Smart Materials Sales (K MT) Forecast by Countries (2017-2022)

Figure Middle East Piezoelectric Smart Materials Sales Market Share Forecast by Countries (2017-2022)

Table Middle East Piezoelectric Smart Materials Revenue (Million USD) Forecast by Countries (2017-2022)



Figure Middle East Piezoelectric Smart Materials Revenue Market Share Forecast by Countries (2017-2022)

Table Africa Piezoelectric Smart Materials Sales (K MT) Forecast by Countries (2017-2022)

Figure Africa Piezoelectric Smart Materials Sales Market Share Forecast by Countries (2017-2022)

Table Africa Piezoelectric Smart Materials Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Africa Piezoelectric Smart Materials Revenue Market Share Forecast by Countries (2017-2022)

Table EMEA Piezoelectric Smart Materials Sales (K MT) Forecast by Type (2017-2022) Figure EMEA Piezoelectric Smart Materials Sales Market Share Forecast by Type (2017-2022)

Table EMEA Piezoelectric Smart Materials Sales (K MT) Forecast by Application (2017-2022)

Figure EMEA Piezoelectric Smart Materials Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



#### I would like to order

Product name: EMEA (Europe, Middle East and Africa) Piezoelectric Smart Materials Market Report

2017

Product link: https://marketpublishers.com/r/E9A403BB71BWEN.html

Price: US\$ 4,000.00 (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:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/E9A403BB71BWEN.html">https://marketpublishers.com/r/E9A403BB71BWEN.html</a>

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

1 4	
Last name:	
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



