

Global Lead-free Piezoelectric Powder Material Market Growth 2025-2031

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Abstracts

The global Lead-free Piezoelectric Powder Material market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Lead-free piezoelectric powder material is a kind of material with piezoelectric property without using lead. Piezoelectricity is the ability of some materials to generate electric charges in response to the applied mechanical stress. It is usually used in various electronic devices, including sensors, actuators and transducers. Lead-free piezoelectric powder materials are usually composed of bismuth, sodium, potassium or other rare earth elements. These materials have been found to have excellent piezoelectric properties and have been studied for various applications. Some potential applications of lead-free piezoelectric powder materials include energy acquisition, biomedical imaging, vibration control and acoustic sensors. In addition to piezoelectric properties, lead-free materials also have the advantages of environmental protection and safety, and can be used in various applications.

United States market for Lead-free Piezoelectric Powder Material is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Lead-free Piezoelectric Powder Material is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Lead-free Piezoelectric Powder Material is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Lead-free Piezoelectric Powder Material players cover PI Ceramic GmbH, APC International Ltd, Piezo Kinetics Inc, Ferroperm Piezoceramics AS, Smart Material Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Lead-free Piezoelectric Powder Material Industry Forecast” looks at past sales and reviews total world Lead-free Piezoelectric Powder Material sales in 2024, providing a comprehensive analysis by region and market sector of projected Lead-free Piezoelectric Powder Material sales for 2025 through 2031. With Lead-free Piezoelectric Powder Material sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Lead-free Piezoelectric Powder Material industry.

This Insight Report provides a comprehensive analysis of the global Lead-free Piezoelectric Powder Material landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Lead-free Piezoelectric Powder Material portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Lead-free Piezoelectric Powder Material market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lead-free Piezoelectric Powder Material and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Lead-free Piezoelectric Powder Material.

This report presents a comprehensive overview, market shares, and growth opportunities of Lead-free Piezoelectric Powder Material market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Sodium Potassium Niobate

Barium Titanate

Zinc Oxide

Aluminium Nitride

Segmentation by Application:

Semiconductor

Medical Care

Aerospace

Industry

National Defense

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

PI Ceramic GmbH

APC International Ltd

Piezo Kinetics Inc

Ferroperm Piezoceramics AS

Smart Material Corporation

CETC Crystal Technology Co., Ltd

Sensor Technology Ltd

Weifang Jude Electronic Co., Ltd

Meggitt Sensing Systems

CeramTec-ETEC GmbH

Morgan Advanced Materials

Piezomechanik Dr. Lutz Pickelmann GmbH

TDK Corporation

TRS Technologies, Inc

Piezo Technologies

CeramTec North America Corporation

Advanced Cerametrics, Inc

Key Questions Addressed in this Report

What is the 10-year outlook for the global Lead-free Piezoelectric Powder Material market?

What factors are driving Lead-free Piezoelectric Powder Material market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Lead-free Piezoelectric Powder Material market opportunities vary by end market size?

How does Lead-free Piezoelectric Powder Material break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Lead-free Piezoelectric Powder Material Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Lead-free Piezoelectric Powder Material by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Lead-free Piezoelectric Powder Material by Country/Region, 2020, 2024 & 2031

2.2 Lead-free Piezoelectric Powder Material Segment by Type

- 2.2.1 Sodium Potassium Niobate
- 2.2.2 Barium Titanate
- 2.2.3 Zinc Oxide
- 2.2.4 Aluminium Nitride

2.3 Lead-free Piezoelectric Powder Material Sales by Type

- 2.3.1 Global Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)
- 2.3.2 Global Lead-free Piezoelectric Powder Material Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Lead-free Piezoelectric Powder Material Sale Price by Type (2020-2025)

2.4 Lead-free Piezoelectric Powder Material Segment by Application

- 2.4.1 Semiconductor
- 2.4.2 Medical Care
- 2.4.3 Aerospace
- 2.4.4 Industry
- 2.4.5 National Defense

2.5 Lead-free Piezoelectric Powder Material Sales by Application

2.5.1 Global Lead-free Piezoelectric Powder Material Sale Market Share by Application (2020-2025)

2.5.2 Global Lead-free Piezoelectric Powder Material Revenue and Market Share by Application (2020-2025)

2.5.3 Global Lead-free Piezoelectric Powder Material Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Lead-free Piezoelectric Powder Material Breakdown Data by Company

3.1.1 Global Lead-free Piezoelectric Powder Material Annual Sales by Company (2020-2025)

3.1.2 Global Lead-free Piezoelectric Powder Material Sales Market Share by Company (2020-2025)

3.2 Global Lead-free Piezoelectric Powder Material Annual Revenue by Company (2020-2025)

3.2.1 Global Lead-free Piezoelectric Powder Material Revenue by Company (2020-2025)

3.2.2 Global Lead-free Piezoelectric Powder Material Revenue Market Share by Company (2020-2025)

3.3 Global Lead-free Piezoelectric Powder Material Sale Price by Company

3.4 Key Manufacturers Lead-free Piezoelectric Powder Material Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Lead-free Piezoelectric Powder Material Product Location Distribution

3.4.2 Players Lead-free Piezoelectric Powder Material Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR LEAD-FREE PIEZOELECTRIC POWDER MATERIAL BY GEOGRAPHIC REGION

4.1 World Historic Lead-free Piezoelectric Powder Material Market Size by Geographic Region (2020-2025)

4.1.1 Global Lead-free Piezoelectric Powder Material Annual Sales by Geographic Region (2020-2025)

- 4.1.2 Global Lead-free Piezoelectric Powder Material Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Lead-free Piezoelectric Powder Material Market Size by Country/Region (2020-2025)
 - 4.2.1 Global Lead-free Piezoelectric Powder Material Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global Lead-free Piezoelectric Powder Material Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Lead-free Piezoelectric Powder Material Sales Growth
- 4.4 APAC Lead-free Piezoelectric Powder Material Sales Growth
- 4.5 Europe Lead-free Piezoelectric Powder Material Sales Growth
- 4.6 Middle East & Africa Lead-free Piezoelectric Powder Material Sales Growth

5 AMERICAS

- 5.1 Americas Lead-free Piezoelectric Powder Material Sales by Country
 - 5.1.1 Americas Lead-free Piezoelectric Powder Material Sales by Country (2020-2025)
 - 5.1.2 Americas Lead-free Piezoelectric Powder Material Revenue by Country (2020-2025)
- 5.2 Americas Lead-free Piezoelectric Powder Material Sales by Type (2020-2025)
- 5.3 Americas Lead-free Piezoelectric Powder Material Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Lead-free Piezoelectric Powder Material Sales by Region
 - 6.1.1 APAC Lead-free Piezoelectric Powder Material Sales by Region (2020-2025)
 - 6.1.2 APAC Lead-free Piezoelectric Powder Material Revenue by Region (2020-2025)
- 6.2 APAC Lead-free Piezoelectric Powder Material Sales by Type (2020-2025)
- 6.3 APAC Lead-free Piezoelectric Powder Material Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Lead-free Piezoelectric Powder Material by Country

7.1.1 Europe Lead-free Piezoelectric Powder Material Sales by Country (2020-2025)

7.1.2 Europe Lead-free Piezoelectric Powder Material Revenue by Country (2020-2025)

7.2 Europe Lead-free Piezoelectric Powder Material Sales by Type (2020-2025)

7.3 Europe Lead-free Piezoelectric Powder Material Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Lead-free Piezoelectric Powder Material by Country

8.1.1 Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Country (2020-2025)

8.1.2 Middle East & Africa Lead-free Piezoelectric Powder Material Revenue by Country (2020-2025)

8.2 Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Type (2020-2025)

8.3 Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Lead-free Piezoelectric Powder Material

10.3 Manufacturing Process Analysis of Lead-free Piezoelectric Powder Material

10.4 Industry Chain Structure of Lead-free Piezoelectric Powder Material

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Lead-free Piezoelectric Powder Material Distributors

11.3 Lead-free Piezoelectric Powder Material Customer

12 WORLD FORECAST REVIEW FOR LEAD-FREE PIEZOELECTRIC POWDER MATERIAL BY GEOGRAPHIC REGION

12.1 Global Lead-free Piezoelectric Powder Material Market Size Forecast by Region

12.1.1 Global Lead-free Piezoelectric Powder Material Forecast by Region (2026-2031)

12.1.2 Global Lead-free Piezoelectric Powder Material Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Lead-free Piezoelectric Powder Material Forecast by Type (2026-2031)

12.7 Global Lead-free Piezoelectric Powder Material Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 PI Ceramic GmbH

13.1.1 PI Ceramic GmbH Company Information

13.1.2 PI Ceramic GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.1.3 PI Ceramic GmbH Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.1.4 PI Ceramic GmbH Main Business Overview
- 13.1.5 PI Ceramic GmbH Latest Developments
- 13.2 APC International Ltd
 - 13.2.1 APC International Ltd Company Information
 - 13.2.2 APC International Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications
 - 13.2.3 APC International Ltd Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 APC International Ltd Main Business Overview
 - 13.2.5 APC International Ltd Latest Developments
- 13.3 Piezo Kinetics Inc
 - 13.3.1 Piezo Kinetics Inc Company Information
 - 13.3.2 Piezo Kinetics Inc Lead-free Piezoelectric Powder Material Product Portfolios and Specifications
 - 13.3.3 Piezo Kinetics Inc Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 Piezo Kinetics Inc Main Business Overview
 - 13.3.5 Piezo Kinetics Inc Latest Developments
- 13.4 Ferroperm Piezoceramics AS
 - 13.4.1 Ferroperm Piezoceramics AS Company Information
 - 13.4.2 Ferroperm Piezoceramics AS Lead-free Piezoelectric Powder Material Product Portfolios and Specifications
 - 13.4.3 Ferroperm Piezoceramics AS Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 Ferroperm Piezoceramics AS Main Business Overview
 - 13.4.5 Ferroperm Piezoceramics AS Latest Developments
- 13.5 Smart Material Corporation
 - 13.5.1 Smart Material Corporation Company Information
 - 13.5.2 Smart Material Corporation Lead-free Piezoelectric Powder Material Product Portfolios and Specifications
 - 13.5.3 Smart Material Corporation Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 Smart Material Corporation Main Business Overview
 - 13.5.5 Smart Material Corporation Latest Developments
- 13.6 CETC Crystal Technology Co., Ltd
 - 13.6.1 CETC Crystal Technology Co., Ltd Company Information
 - 13.6.2 CETC Crystal Technology Co., Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications
 - 13.6.3 CETC Crystal Technology Co., Ltd Lead-free Piezoelectric Powder Material

Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 CETC Crystal Technology Co., Ltd Main Business Overview

13.6.5 CETC Crystal Technology Co., Ltd Latest Developments

13.7 Sensor Technology Ltd

13.7.1 Sensor Technology Ltd Company Information

13.7.2 Sensor Technology Ltd Lead-free Piezoelectric Powder Material Product

Portfolios and Specifications

13.7.3 Sensor Technology Ltd Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Sensor Technology Ltd Main Business Overview

13.7.5 Sensor Technology Ltd Latest Developments

13.8 Weifang Jude Electronic Co., Ltd

13.8.1 Weifang Jude Electronic Co., Ltd Company Information

13.8.2 Weifang Jude Electronic Co., Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.8.3 Weifang Jude Electronic Co., Ltd Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Weifang Jude Electronic Co., Ltd Main Business Overview

13.8.5 Weifang Jude Electronic Co., Ltd Latest Developments

13.9 Meggitt Sensing Systems

13.9.1 Meggitt Sensing Systems Company Information

13.9.2 Meggitt Sensing Systems Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.9.3 Meggitt Sensing Systems Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Meggitt Sensing Systems Main Business Overview

13.9.5 Meggitt Sensing Systems Latest Developments

13.10 CeramTec-ETEC GmbH

13.10.1 CeramTec-ETEC GmbH Company Information

13.10.2 CeramTec-ETEC GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.10.3 CeramTec-ETEC GmbH Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 CeramTec-ETEC GmbH Main Business Overview

13.10.5 CeramTec-ETEC GmbH Latest Developments

13.11 Morgan Advanced Materials

13.11.1 Morgan Advanced Materials Company Information

13.11.2 Morgan Advanced Materials Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.11.3 Morgan Advanced Materials Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Morgan Advanced Materials Main Business Overview

13.11.5 Morgan Advanced Materials Latest Developments

13.12 Piezomechanik Dr. Lutz Pickelmann GmbH

13.12.1 Piezomechanik Dr. Lutz Pickelmann GmbH Company Information

13.12.2 Piezomechanik Dr. Lutz Pickelmann GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.12.3 Piezomechanik Dr. Lutz Pickelmann GmbH Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Piezomechanik Dr. Lutz Pickelmann GmbH Main Business Overview

13.12.5 Piezomechanik Dr. Lutz Pickelmann GmbH Latest Developments

13.13 TDK Corporation

13.13.1 TDK Corporation Company Information

13.13.2 TDK Corporation Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.13.3 TDK Corporation Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 TDK Corporation Main Business Overview

13.13.5 TDK Corporation Latest Developments

13.14 TRS Technologies, Inc

13.14.1 TRS Technologies, Inc Company Information

13.14.2 TRS Technologies, Inc Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.14.3 TRS Technologies, Inc Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 TRS Technologies, Inc Main Business Overview

13.14.5 TRS Technologies, Inc Latest Developments

13.15 Piezo Technologies

13.15.1 Piezo Technologies Company Information

13.15.2 Piezo Technologies Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

13.15.3 Piezo Technologies Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 Piezo Technologies Main Business Overview

13.15.5 Piezo Technologies Latest Developments

13.16 CeramTec North America Corporation

13.16.1 CeramTec North America Corporation Company Information

13.16.2 CeramTec North America Corporation Lead-free Piezoelectric Powder

Material Product Portfolios and Specifications

13.16.3 CeramTec North America Corporation Lead-free Piezoelectric Powder

Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.16.4 CeramTec North America Corporation Main Business Overview

13.16.5 CeramTec North America Corporation Latest Developments

13.17 Advanced Cerametrics, Inc

13.17.1 Advanced Cerametrics, Inc Company Information

13.17.2 Advanced Cerametrics, Inc Lead-free Piezoelectric Powder Material Product

Portfolios and Specifications

13.17.3 Advanced Cerametrics, Inc Lead-free Piezoelectric Powder Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.17.4 Advanced Cerametrics, Inc Main Business Overview

13.17.5 Advanced Cerametrics, Inc Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Lead-free Piezoelectric Powder Material Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Lead-free Piezoelectric Powder Material Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Sodium Potassium Niobate

Table 4. Major Players of Barium Titanate

Table 5. Major Players of Zinc Oxide

Table 6. Major Players of Aluminium Nitride

Table 7. Global Lead-free Piezoelectric Powder Material Sales by Type (2020-2025) & (Tons)

Table 8. Global Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)

Table 9. Global Lead-free Piezoelectric Powder Material Revenue by Type (2020-2025) & (\$ million)

Table 10. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Type (2020-2025)

Table 11. Global Lead-free Piezoelectric Powder Material Sale Price by Type (2020-2025) & (US\$/Ton)

Table 12. Global Lead-free Piezoelectric Powder Material Sale by Application (2020-2025) & (Tons)

Table 13. Global Lead-free Piezoelectric Powder Material Sale Market Share by Application (2020-2025)

Table 14. Global Lead-free Piezoelectric Powder Material Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Application (2020-2025)

Table 16. Global Lead-free Piezoelectric Powder Material Sale Price by Application (2020-2025) & (US\$/Ton)

Table 17. Global Lead-free Piezoelectric Powder Material Sales by Company (2020-2025) & (Tons)

Table 18. Global Lead-free Piezoelectric Powder Material Sales Market Share by Company (2020-2025)

Table 19. Global Lead-free Piezoelectric Powder Material Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Lead-free Piezoelectric Powder Material Revenue Market Share by

Company (2020-2025)

Table 21. Global Lead-free Piezoelectric Powder Material Sale Price by Company (2020-2025) & (US\$/Ton)

Table 22. Key Manufacturers Lead-free Piezoelectric Powder Material Producing Area Distribution and Sales Area

Table 23. Players Lead-free Piezoelectric Powder Material Products Offered

Table 24. Lead-free Piezoelectric Powder Material Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Lead-free Piezoelectric Powder Material Sales by Geographic Region (2020-2025) & (Tons)

Table 28. Global Lead-free Piezoelectric Powder Material Sales Market Share Geographic Region (2020-2025)

Table 29. Global Lead-free Piezoelectric Powder Material Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Lead-free Piezoelectric Powder Material Sales by Country/Region (2020-2025) & (Tons)

Table 32. Global Lead-free Piezoelectric Powder Material Sales Market Share by Country/Region (2020-2025)

Table 33. Global Lead-free Piezoelectric Powder Material Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Lead-free Piezoelectric Powder Material Sales by Country (2020-2025) & (Tons)

Table 36. Americas Lead-free Piezoelectric Powder Material Sales Market Share by Country (2020-2025)

Table 37. Americas Lead-free Piezoelectric Powder Material Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Lead-free Piezoelectric Powder Material Sales by Type (2020-2025) & (Tons)

Table 39. Americas Lead-free Piezoelectric Powder Material Sales by Application (2020-2025) & (Tons)

Table 40. APAC Lead-free Piezoelectric Powder Material Sales by Region (2020-2025) & (Tons)

Table 41. APAC Lead-free Piezoelectric Powder Material Sales Market Share by

Region (2020-2025)

Table 42. APAC Lead-free Piezoelectric Powder Material Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Lead-free Piezoelectric Powder Material Sales by Type (2020-2025) & (Tons)

Table 44. APAC Lead-free Piezoelectric Powder Material Sales by Application (2020-2025) & (Tons)

Table 45. Europe Lead-free Piezoelectric Powder Material Sales by Country (2020-2025) & (Tons)

Table 46. Europe Lead-free Piezoelectric Powder Material Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Lead-free Piezoelectric Powder Material Sales by Type (2020-2025) & (Tons)

Table 48. Europe Lead-free Piezoelectric Powder Material Sales by Application (2020-2025) & (Tons)

Table 49. Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Country (2020-2025) & (Tons)

Table 50. Middle East & Africa Lead-free Piezoelectric Powder Material Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Type (2020-2025) & (Tons)

Table 52. Middle East & Africa Lead-free Piezoelectric Powder Material Sales by Application (2020-2025) & (Tons)

Table 53. Key Market Drivers & Growth Opportunities of Lead-free Piezoelectric Powder Material

Table 54. Key Market Challenges & Risks of Lead-free Piezoelectric Powder Material

Table 55. Key Industry Trends of Lead-free Piezoelectric Powder Material

Table 56. Lead-free Piezoelectric Powder Material Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Lead-free Piezoelectric Powder Material Distributors List

Table 59. Lead-free Piezoelectric Powder Material Customer List

Table 60. Global Lead-free Piezoelectric Powder Material Sales Forecast by Region (2026-2031) & (Tons)

Table 61. Global Lead-free Piezoelectric Powder Material Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Lead-free Piezoelectric Powder Material Sales Forecast by Country (2026-2031) & (Tons)

Table 63. Americas Lead-free Piezoelectric Powder Material Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Lead-free Piezoelectric Powder Material Sales Forecast by Region (2026-2031) & (Tons)

Table 65. APAC Lead-free Piezoelectric Powder Material Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Lead-free Piezoelectric Powder Material Sales Forecast by Country (2026-2031) & (Tons)

Table 67. Europe Lead-free Piezoelectric Powder Material Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Lead-free Piezoelectric Powder Material Sales Forecast by Country (2026-2031) & (Tons)

Table 69. Middle East & Africa Lead-free Piezoelectric Powder Material Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Global Lead-free Piezoelectric Powder Material Sales Forecast by Type (2026-2031) & (Tons)

Table 71. Global Lead-free Piezoelectric Powder Material Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 72. Global Lead-free Piezoelectric Powder Material Sales Forecast by Application (2026-2031) & (Tons)

Table 73. Global Lead-free Piezoelectric Powder Material Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 74. PI Ceramic GmbH Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 75. PI Ceramic GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 76. PI Ceramic GmbH Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 77. PI Ceramic GmbH Main Business

Table 78. PI Ceramic GmbH Latest Developments

Table 79. APC International Ltd Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 80. APC International Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 81. APC International Ltd Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 82. APC International Ltd Main Business

Table 83. APC International Ltd Latest Developments

Table 84. Piezo Kinetics Inc Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 85. Piezo Kinetics Inc Lead-free Piezoelectric Powder Material Product Portfolios

and Specifications

Table 86. Piezo Kinetics Inc Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 87. Piezo Kinetics Inc Main Business

Table 88. Piezo Kinetics Inc Latest Developments

Table 89. Ferroperm Piezoceramics AS Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 90. Ferroperm Piezoceramics AS Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 91. Ferroperm Piezoceramics AS Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 92. Ferroperm Piezoceramics AS Main Business

Table 93. Ferroperm Piezoceramics AS Latest Developments

Table 94. Smart Material Corporation Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 95. Smart Material Corporation Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 96. Smart Material Corporation Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 97. Smart Material Corporation Main Business

Table 98. Smart Material Corporation Latest Developments

Table 99. CETC Crystal Technology Co., Ltd Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 100. CETC Crystal Technology Co., Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 101. CETC Crystal Technology Co., Ltd Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 102. CETC Crystal Technology Co., Ltd Main Business

Table 103. CETC Crystal Technology Co., Ltd Latest Developments

Table 104. Sensor Technology Ltd Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 105. Sensor Technology Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 106. Sensor Technology Ltd Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 107. Sensor Technology Ltd Main Business

Table 108. Sensor Technology Ltd Latest Developments

Table 109. Weifang Jude Electronic Co., Ltd Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 110. Weifang Jude Electronic Co., Ltd Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 111. Weifang Jude Electronic Co., Ltd Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 112. Weifang Jude Electronic Co., Ltd Main Business

Table 113. Weifang Jude Electronic Co., Ltd Latest Developments

Table 114. Meggitt Sensing Systems Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 115. Meggitt Sensing Systems Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 116. Meggitt Sensing Systems Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 117. Meggitt Sensing Systems Main Business

Table 118. Meggitt Sensing Systems Latest Developments

Table 119. CeramTec-ETEC GmbH Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 120. CeramTec-ETEC GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 121. CeramTec-ETEC GmbH Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 122. CeramTec-ETEC GmbH Main Business

Table 123. CeramTec-ETEC GmbH Latest Developments

Table 124. Morgan Advanced Materials Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 125. Morgan Advanced Materials Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 126. Morgan Advanced Materials Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 127. Morgan Advanced Materials Main Business

Table 128. Morgan Advanced Materials Latest Developments

Table 129. Piezomechanik Dr. Lutz Pickelmann GmbH Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 130. Piezomechanik Dr. Lutz Pickelmann GmbH Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 131. Piezomechanik Dr. Lutz Pickelmann GmbH Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 132. Piezomechanik Dr. Lutz Pickelmann GmbH Main Business

Table 133. Piezomechanik Dr. Lutz Pickelmann GmbH Latest Developments

Table 134. TDK Corporation Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 135. TDK Corporation Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 136. TDK Corporation Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 137. TDK Corporation Main Business

Table 138. TDK Corporation Latest Developments

Table 139. TRS Technologies, Inc Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 140. TRS Technologies, Inc Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 141. TRS Technologies, Inc Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 142. TRS Technologies, Inc Main Business

Table 143. TRS Technologies, Inc Latest Developments

Table 144. Piezo Technologies Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 145. Piezo Technologies Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 146. Piezo Technologies Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 147. Piezo Technologies Main Business

Table 148. Piezo Technologies Latest Developments

Table 149. CeramTec North America Corporation Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 150. CeramTec North America Corporation Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 151. CeramTec North America Corporation Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 152. CeramTec North America Corporation Main Business

Table 153. CeramTec North America Corporation Latest Developments

Table 154. Advanced Cerametrics, Inc Basic Information, Lead-free Piezoelectric Powder Material Manufacturing Base, Sales Area and Its Competitors

Table 155. Advanced Cerametrics, Inc Lead-free Piezoelectric Powder Material Product Portfolios and Specifications

Table 156. Advanced Cerametrics, Inc Lead-free Piezoelectric Powder Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 157. Advanced Cerametrics, Inc Main Business

Table 158. Advanced Cerametrics, Inc Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Lead-free Piezoelectric Powder Material

Figure 2. Lead-free Piezoelectric Powder Material Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Lead-free Piezoelectric Powder Material Sales Growth Rate 2020-2031 (Tons)

Figure 7. Global Lead-free Piezoelectric Powder Material Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Lead-free Piezoelectric Powder Material Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Lead-free Piezoelectric Powder Material Sales Market Share by Country/Region (2024)

Figure 10. Lead-free Piezoelectric Powder Material Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Sodium Potassium Niobate

Figure 12. Product Picture of Barium Titanate

Figure 13. Product Picture of Zinc Oxide

Figure 14. Product Picture of Aluminium Nitride

Figure 15. Global Lead-free Piezoelectric Powder Material Sales Market Share by Type in 2025

Figure 16. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Type (2020-2025)

Figure 17. Lead-free Piezoelectric Powder Material Consumed in Semiconductor

Figure 18. Global Lead-free Piezoelectric Powder Material Market: Semiconductor (2020-2025) & (Tons)

Figure 19. Lead-free Piezoelectric Powder Material Consumed in Medical Care

Figure 20. Global Lead-free Piezoelectric Powder Material Market: Medical Care (2020-2025) & (Tons)

Figure 21. Lead-free Piezoelectric Powder Material Consumed in Aerospace

Figure 22. Global Lead-free Piezoelectric Powder Material Market: Aerospace (2020-2025) & (Tons)

Figure 23. Lead-free Piezoelectric Powder Material Consumed in Industry

Figure 24. Global Lead-free Piezoelectric Powder Material Market: Industry (2020-2025) & (Tons)

Figure 25. Lead-free Piezoelectric Powder Material Consumed in National Defense

Figure 26. Global Lead-free Piezoelectric Powder Material Market: National Defense (2020-2025) & (Tons)

Figure 27. Global Lead-free Piezoelectric Powder Material Sale Market Share by Application (2024)

Figure 28. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Application in 2025

Figure 29. Lead-free Piezoelectric Powder Material Sales by Company in 2025 (Tons)

Figure 30. Global Lead-free Piezoelectric Powder Material Sales Market Share by Company in 2025

Figure 31. Lead-free Piezoelectric Powder Material Revenue by Company in 2025 (\$ millions)

Figure 32. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Company in 2025

Figure 33. Global Lead-free Piezoelectric Powder Material Sales Market Share by Geographic Region (2020-2025)

Figure 34. Global Lead-free Piezoelectric Powder Material Revenue Market Share by Geographic Region in 2025

Figure 35. Americas Lead-free Piezoelectric Powder Material Sales 2020-2025 (Tons)

Figure 36. Americas Lead-free Piezoelectric Powder Material Revenue 2020-2025 (\$ millions)

Figure 37. APAC Lead-free Piezoelectric Powder Material Sales 2020-2025 (Tons)

Figure 38. APAC Lead-free Piezoelectric Powder Material Revenue 2020-2025 (\$ millions)

Figure 39. Europe Lead-free Piezoelectric Powder Material Sales 2020-2025 (Tons)

Figure 40. Europe Lead-free Piezoelectric Powder Material Revenue 2020-2025 (\$ millions)

Figure 41. Middle East & Africa Lead-free Piezoelectric Powder Material Sales 2020-2025 (Tons)

Figure 42. Middle East & Africa Lead-free Piezoelectric Powder Material Revenue 2020-2025 (\$ millions)

Figure 43. Americas Lead-free Piezoelectric Powder Material Sales Market Share by Country in 2025

Figure 44. Americas Lead-free Piezoelectric Powder Material Revenue Market Share by Country (2020-2025)

Figure 45. Americas Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)

Figure 46. Americas Lead-free Piezoelectric Powder Material Sales Market Share by Application (2020-2025)

Figure 47. United States Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 48. Canada Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 49. Mexico Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 50. Brazil Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 51. APAC Lead-free Piezoelectric Powder Material Sales Market Share by Region in 2025

Figure 52. APAC Lead-free Piezoelectric Powder Material Revenue Market Share by Region (2020-2025)

Figure 53. APAC Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)

Figure 54. APAC Lead-free Piezoelectric Powder Material Sales Market Share by Application (2020-2025)

Figure 55. China Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 56. Japan Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 57. South Korea Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 58. Southeast Asia Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 59. India Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 60. Australia Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 61. China Taiwan Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 62. Europe Lead-free Piezoelectric Powder Material Sales Market Share by Country in 2025

Figure 63. Europe Lead-free Piezoelectric Powder Material Revenue Market Share by Country (2020-2025)

Figure 64. Europe Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)

Figure 65. Europe Lead-free Piezoelectric Powder Material Sales Market Share by Application (2020-2025)

Figure 66. Germany Lead-free Piezoelectric Powder Material Revenue Growth

2020-2025 (\$ millions)

Figure 67. France Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 68. UK Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 69. Italy Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 70. Russia Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 71. Middle East & Africa Lead-free Piezoelectric Powder Material Sales Market Share by Country (2020-2025)

Figure 72. Middle East & Africa Lead-free Piezoelectric Powder Material Sales Market Share by Type (2020-2025)

Figure 73. Middle East & Africa Lead-free Piezoelectric Powder Material Sales Market Share by Application (2020-2025)

Figure 74. Egypt Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 75. South Africa Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 76. Israel Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 77. Turkey Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 78. GCC Countries Lead-free Piezoelectric Powder Material Revenue Growth 2020-2025 (\$ millions)

Figure 79. Manufacturing Cost Structure Analysis of Lead-free Piezoelectric Powder Material in 2025

Figure 80. Manufacturing Process Analysis of Lead-free Piezoelectric Powder Material

Figure 81. Industry Chain Structure of Lead-free Piezoelectric Powder Material

Figure 82. Channels of Distribution

Figure 83. Global Lead-free Piezoelectric Powder Material Sales Market Forecast by Region (2026-2031)

Figure 84. Global Lead-free Piezoelectric Powder Material Revenue Market Share Forecast by Region (2026-2031)

Figure 85. Global Lead-free Piezoelectric Powder Material Sales Market Share Forecast by Type (2026-2031)

Figure 86. Global Lead-free Piezoelectric Powder Material Revenue Market Share Forecast by Type (2026-2031)

Figure 87. Global Lead-free Piezoelectric Powder Material Sales Market Share Forecast

by Application (2026-2031)

Figure 88. Global Lead-free Piezoelectric Powder Material Revenue Market Share
Forecast by Application (2026-2031)

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