

# Piezoelectric Material Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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### Piezoelectric Material Market Trends and Forecast

The future of the piezoelectric material market looks promising with opportunities in the automotive, healthcare, IT & telecom, aerospace & defense, and consumer goods industries. The global piezoelectric material market is expected to grow with a CAGR of 4% to 6% from 2023 to 2028. The major drivers for this market are increasing demand for high performance sensors in aerospace, automotive, and healthcare industries, increasing adoption of thin film technology in MEMS foundries, and demand for energy harvesting mechanism in various end use industries.

### Piezoelectric Material Market by Material, Application, and End Use Industry

### Emerging Trends in the Piezoelectric Material Market

Emerging trends, which have a direct impact on the dynamics of the industry, include promising newer applications of piezoelectric polymers in piezoelectric actuators, increasing adoption in flexible and wearable electronics devices, emerging use in of piezo film sensors in active vibration damping applications.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below. To learn the scope, benefits, companies researched and other details of the global piezoelectric material market report, please download the report brochure.

## Piezoelectric Material Market by Segments

### Piezoelectric Material Market by Segments

The study includes trends and forecast for the global piezoelectric material market by material, application, end use industry, and region, as follows:

Piezoelectric Material Market by Material [Value (\$B) Shipment Analysis from 2017 to 2028]:

Piezoceramics

Piezopolymers

Piezocomposites

Others

Piezoelectric Material Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Actuators

Sensors

Motors

Generators

Transducers

Others

Piezoelectric Material Market by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Automotive

Healthcare

Information & Telecom

Consumer Goods

Aerospace & Defense

Others

Piezoelectric Material Market by Region Type [Value (\$B) shipment analysis for 2017-2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Piezoelectric Material Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, piezoelectric material companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the piezoelectric material companies profiled in this report include-

PI Ceramic

Harris Corporation

CeramTec GmbH

APC International

Morgan Technical Ceramics

CTS Corporation

Mad City Labs

## Piezoelectric Material Market Insights

Lucintel forecasts that piezoceramics will remain the largest segment over the forecast period due to increasing demand for ceramic-based lead zirconate titanate (PZT) materials as PZT material has a high dielectric constant, piezoelectric constant and excellent capability for producing high piezoelectric voltage corresponding to force pressure or vibration.

Consumer goods are expected to remain the largest end use industry due to the growth in electronics manufacturing in China, Japan, Taiwan, and South Korea, technology advancement in consumer electronics sectors, and increasing demand for LEDs.

APAC will remain the largest region over the forecast period due to expansion in the manufacturing sectors in developing countries along with rise in foreign investments in the industrial and manufacturing sector, increasing awareness of the importance of energy harvesting systems, and existence of major manufacturing facilities of piezoelectric devices in this region.

## Features of the Piezoelectric Material Market

**Market Size Estimates:** Piezoelectric material market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Piezoelectric material market size by various segments, such as by material, application, and end use industry.

**Regional Analysis:** Piezoelectric material market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different materials, applications, end use industries, and regions for the piezoelectric material market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the piezoelectric material market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the piezoelectric material market size?

Answer: The global piezoelectric material market is expected to reach an estimated \$xx billion by 2028.

Q2. What is the growth forecast for piezoelectric material market?

Answer: The global piezoelectric material market is expected to grow with a CAGR of 4% to 6% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the piezoelectric material market?

Answer: The major drivers for this market are increasing demand for high performance sensors in aerospace, automotive, and healthcare industries, increasing adoption of thin film technology in MEMS foundries, and demand for energy harvesting mechanism in various end use industries.

Q4. What are the major segments for piezoelectric material market?

Answer: The future of the piezoelectric material market looks promising with opportunities in the automotive, healthcare, IT & telecom, aerospace & defense, and consumer goods industries.

Q5. What are the emerging trends in piezoelectric material market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include promising newer applications of piezoelectric polymers in piezoelectric actuators, increasing adoption in flexible and wearable electronics devices, emerging use in of piezo film sensors in active vibration damping applications.

Q6. Who are the key piezoelectric material companies?

Answer: Some of the key Piezoelectric material companies are as follows:

PI Ceramic

Harris Corporation

CeramTec GmbH

APC International

Morgan Technical Ceramics

CTS Corporation

Mad City Labs

Q7. Which piezoelectric material segment will be the largest in future?

Answer: Lucintel forecasts that piezoceramics will remain the largest segment over the forecast period due to increasing demand for ceramic-based lead zirconate titanate (PZT) materials as PZT material has a high dielectric constant, piezoelectric constant, and excellent capability for producing high piezoelectric voltage corresponding to force pressure or vibration.

Q8. In piezoelectric material market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region over the forecast period due to expansion in the manufacturing sector in developing countries along with rise in foreign investments in the industrial and manufacturing sector, increasing awareness regarding the importance of energy harvesting systems, and the existence of major manufacturing facilities of piezoelectric devices in this region.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the piezoelectric material market by material (piezoceramics, piezopolymers, piezocomposites and others), application (actuators, sensors, motors, generators, transducers, and others), end use industry (automotive, healthcare, IT & telecom, consumer goods, aerospace & defense, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity did occur in the last five years and what has its impact been on the industry?

For any questions related to piezoelectric material market or related piezoelectric material companies, piezoelectric material market size, piezoelectric material market share, piezoelectric material analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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