

Lead-Free Piezoceramics Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/LC2814D01745EN.html>

Date: February 2022

Pages: 71

Price: US\$ 3,250.00 (Single User License)

ID: LC2814D01745EN

Abstracts

Lead has recently been expelled from many commercial applications and materials, Lead zirconium titanate (PZT) ceramics are high-performance piezoelectric materials, which are widely used in sensors, actuators and other electronic devices. Although PZT-based ceramics are commercially applied, toxic lead is released into the environment during their preparation and disposal. Consequently, the European Union implemented the Restriction of Hazardous Substances legislation, which set a mandatory standard that prohibits the use of lead-based piezoelectric materials in future electronic devices...

This report contains market size and forecasts of Lead-Free Piezoceramics in global, including the following market information:

Global Lead-Free Piezoceramics Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Lead-Free Piezoceramics Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Lead-Free Piezoceramics companies in 2021 (%)

The global Lead-Free Piezoceramics market was valued at 263.6 million in 2021 and is projected to reach US\$ 811.2 million by 2028, at a CAGR of 17.4% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Sodium Bismuth Titanate (NBT) Based Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Lead-Free Piezoceramics include KYOCERA, PI Ceramic GmbH, Sumitomo Chemical and Zibo Yuhai Electronic Ceramic, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Lead-Free Piezoceramics manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Lead-Free Piezoceramics Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Lead-Free Piezoceramics Market Segment Percentages, by Type, 2021 (%)

Sodium Bismuth Titanate (NBT) Based

Potassium Sodium Niobate (BNN) Based

Barium Titanate (BT) Based

Others

Global Lead-Free Piezoceramics Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Lead-Free Piezoceramics Market Segment Percentages, by Application, 2021 (%)

Industrial & Manufacturing

Automotive

Consumer Electronics

Medical

Military

Other

Global Lead-Free Piezoceramics Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Kiloton)

Global Lead-Free Piezoceramics Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Lead-Free Piezoceramics revenues in global market, 2017-2022

(Estimated), (\$ millions)

Key companies Lead-Free Piezoceramics revenues share in global market, 2021 (%)

Key companies Lead-Free Piezoceramics sales in global market, 2017-2022
(Estimated), (Kiloton)

Key companies Lead-Free Piezoceramics sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

KYOCERA

PI Ceramic GmbH

Sumitomo Chemical

Zibo Yuhai Electronic Ceramic

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