

Ceramic Tube - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Ceramic Tube Market is accounted for \$547.04 million in 2016 and expected to grow at a CAGR of 10.4% to reach \$1097.12 million by 2023. The market factors such as demand for power equipment, replacement and refurbishment of existing power infrastructure, stringent environmental norms for SF₆-based circuit breakers are driving the market growth. However, rising energy costs for ceramic manufacturing and volatility of prices are inhibiting the market growth. The increasing share of renewable energy systems will provide ample opportunity for the market to grow. Further, low-cost competition from emerging markets are quite challenging for the market to grow.

The electronic and electrical application segment is expected to grow at the highest CAGR, during the forecast period due to demand for renewable energy and distribution equipment. Also, governments of various economies are investing on the construction of new electrical transmission and distribution grids. The electronics industry is continuously making remarkable progress and development. For instance, Wearable tech company Amazfit recently launched its simple ceramic activity tracker in the United States market. In Medical and Healthcare applications, ceramic tubes are used in X-ray tubes, and CT scan machines, etc. For example, Morgan Advanced Materials Company recently introduced brazed ceramic-to-metal assemblies for medical imaging applications using ceramic insulators.

The alumina material segment is the fastest growing market because Alumina ceramics are widely used by the electric and electronic industries. Spark plugs for automobiles use aluminous ceramics and alumina. For electronics, Aluminum nitride AlN is one of the best material for the manufacture of high technology substrates. Boron Nitride (BN) is anisotropic electrically and mechanically and it exhibits a high electrical resistance, low dielectric constant and good thermal shock resistance. Refractory and foundry sectors appear as the next foremost markets for zirconium. Most common materials in

bio-inert ceramics are aluminum oxide (Al_2O_3) and zirconia oxide (ZrO_2) which are widely used in medical devices, orthopedic and dental implants. Ceramic technology continues to be part of an innovative medical practice, which exemplifies, with the electronic devices as implants.

Asia Pacific region accounted for the largest market share as manufacturing sectors in countries such as India, China, South Korea, Japan, and Taiwan are expected to drive the growth in this region. The governments of these countries are investing in the construction of new power transmission and distribution networks to support their manufacturing sectors.

The key players in global Ceramic Tube market are HP Technical Ceramics, Insaco, Inc., International Syalons, Kyocera Corporation, LSP Industrial Ceramics, Inc., Carborundum Universal, Ltd., Ceramtec, China Southern Advanced Ceramic Technology Co., Ltd, Morgan Advanced Materials, NGK Spark Plug Co., Ltd., Ortech Advanced Ceramics, Precision Ceramics and TQ Abrasive Machining.

Applications Covered:

Medical and Healthcare

Electronic and Electrical

Other Applications

End Uses Covered:

Contactors

Re-Closers

Circuit Breakers

Load Break Switches

Tap Changers

Materials Covered:

Alumina

Zirconia

Other Materials

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

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Note: South America and Middle East & Africa are represented in above manner.

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