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Circuit Materials Market by Material Class (Substrate, Conducting Material, Outer Layer), Substrate (Fiberglass Epoxy, Paper-Phenolic), Conducting Material (Copper), Outer Layer (LIPSM, Dry Film Photoimageable), Application, Region - Global Forecast 2023

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Abstracts

The circuit materials market is projected to register a CAGR of 3.8%, in terms of value, between 2018 and 2023

The circuit materials market size is estimated to be USD 30.58 billion in 2018 and is projected to reach USD 36.85 billion by 2023, at a CAGR of 3.8% between 2018 and 2023. The increasing demand for circuit materials due to technological advancements in the electronics sector is the most significant factor projected to drive the market. The technological developments in the developing economies are also contributing to the circuit materials market growth. However, the low supply of copper foil to the electronic industry is acting as a restraint to the market growth.

The copper conducting material segment of the circuit materials market is projected to register the highest CAGR, in terms of value, during the forecast period

Copper is used as a conducting layer on the various types of substrates such as fiberglass-epoxy, paper-phenolic, and CEM. The use of copper as a conducting material offers excellent current conductivity and electromagnetic shielding which enhances the performance of various electronic devices. Also, when copper is applied on various substrates, it can be chemically etched to divide the copper layer into separate conducting lines called tracks or circuit traces. This chemical etching process is easy to

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achieve with copper compared to other conducting materials. The ease of chemical processing and better conductivity have increased the demand for copper as a conducting material and has helped it to register the highest CAGR during the forecast period.

The circuit materials market in the APAC region is projected to register the highest CAGR, in terms of value, between 2018 and 2023

The circuit materials market in the APAC region is projected to register the highest CAGR, in terms of value, during the forecast period as APAC is one of the promising circuit materials markets. The continuous rise in the production of technologically advanced electronic products has resulted in high demand for circuit materials. This increasing demand for technologically advanced electronic products in various applications such as communications, industrial electronics, and automotive has led to innovations and developments in the electronics industry of APAC making it a promising circuit materials market, globally.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted as follows:

By Company Type- Tier 1 - 37%, Tier 2 - 42%, and Tier 3 - 21%

By Designation- C level - 30%, Director level - 25%, and Others - 45%

By Region- APAC - 40%, Europe - 27%, North America - 20%, Middle East & Africa - 7%, and Latin America - 6%

This report provides a comprehensive analysis of the key companies listed below:

Shengyi Technology (China)

Kingboard Laminates (Hong Kong)

ITEQ Corporation (Taiwan)

DowDuPont (US)

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Jinan Guoji Technology (China)

Eternal Materials (Taiwan)

Rogers Corporation (US)

Taiflex Scientific (Taiwan)

Isola Group (US)

Nikkan Industries (Japan)

Research Coverage

This report covers the circuit materials market and forecasts the size of the market until 2023. The report includes the segmentation of the circuit materials market based on material class, substrate, conducting material, outer layer, application, and region. Porter's Five Forces analysis and key market dynamics such as drivers, restraints, challenges, and opportunities influencing the growth of the circuit materials market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

Benefits of Buying the Report:

The report is expected to help market leaders/new entrants in the circuit materials market in the following ways:

This report segments the circuit materials market and provides the closest approximation of revenues for the overall market and its subsegments across different verticals and regions.

The report helps stakeholders understand the pulse of the market and provides information on key drivers, restraints, challenges, and opportunities of the circuit materials market.

This report is also expected to help stakeholders understand their competitors and gain insights to better their positions in the circuit materials market. The competitive landscape section includes the ecosystem of competitors and

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detailed information on new product developments and partnerships.

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*Details might not be captured in case of unlisted companies

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About

The report "Circuit Materials Market by Material Class (Substrate, Conducting Material, Outer Layer), Substrate (Fiberglass Epoxy, Paper-Phenolic), Conducting Material (Copper), Outer Layer (LIPSM, Dry Film Photoimageable), Application, Region - Global Forecast 2023", The circuit materials market is projected to grow from an estimated USD 30.58 billion in 2018 to USD 36.85 billion by 2023, at a CAGR of 3.8% between 2018 and 2023.

Major companies profiled in this report include:

Shengyi Technology (China), Kingboard Laminates (Hong Kong), ITEQ Corporation (Taiwan), DowDuPont (US), Jinan Guoji Technology (China), Eternal Materials (Taiwan), Rogers Corporation (US), Taiflex Scientific (Taiwan), Isola Group (US), and Nikkan Industries (Japan). These companies have a strong presence in the circuit materials market and are undertaking efforts to improve their business strategies and product portfolios.

This report covers the circuit materials market and forecasts the size of the market until 2023. The report includes the segmentation of the circuit materials market based on material class, substrate, conducting material, outer layer, application, and region. Porter’s Five Forces analysis and key market dynamics such as drivers, restraints, challenges, and opportunities influencing the growth of the circuit materials market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

The increasing use of circuit materials due to technological advancements in the electronics sector is one of the most significant factors projected to drive the circuit materials market.

Based on the substrate, the fiberglass-epoxy segment of the circuit materials market is projected to register the highest CAGR, in terms of value, during the forecast period

Circuit materials, manufactured using the fiberglass-epoxy material, have superior mechanical and chemical properties. This raw material can provide a high strength-to-weight ratio. It also can withstand moisture and offers high resistance to fire. This factor is projected to drive the fiberglass-epoxy segment of the circuit materials market.

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The communications application segment is projected to account for the largest share, in terms of value, in the circuit materials market during the forecast period

Circuit materials are increasingly being used in the communications application. In this application, the use of circuit materials is significant in various devices such as mobiles, telephones, and smart tablets. The communications application is projected to account for the largest share of the market between 2018 and 2023, in terms of value. The use of circuit materials has increased in the communications application, owing to the ability to provide enhanced conductivity on compact printed circuit boards of the various communication devices.

APAC is estimated to be the largest market for circuit materials in 2018, in terms of value.

APAC is estimated to be the largest market for circuit materials in 2018. The growth of the APAC circuit materials market can be attributed to the growing demand from the communications, industrial electronics, and automotive applications in the region. The growth is also attributed to the presence of well-established circuit materials manufacturers, such as Shengyi Technology (China), Kingboard Laminates (Hong Kong), and ITEQ Corporation (Taiwan) in the region.

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