

Global Cathode Materials Market (by Material, Battery Type, Application & Region): Insights & Forecast with Potential Impact of COVID-19 (2023-2027)

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Abstracts

The global cathode materials market is expected to record a value of US\$24.27 billion in 2027, progressing at a CAGR of 6.10%, over the period 2023-2027. Factors such as rising usage of batteries in consumer electronic products, growing investments in renewable energy sector, increasing use of industrial robots, surging adoption of electric vehicles and expanding urbanization. However, the market growth would be challenged by lack of raw material availability, developmental issues in cathode materials for li-ion batteries and stringent safety regulations for batteries through storage and transportation. A few notable trends include mounting environmental concerns, accelerating demand for batteries and increasing government initiatives for ban on ICE vehicles.

The global market has been segmented on the basis of material, battery type and applications. On the basis of material, the global market can be bifurcated into lead dioxide, lithium-ion and other materials such as oxyhydroxide, sodium iron phosphate, graphite, etc. Depending on the battery type, the market can be divided into lead-acid battery, lithium-ion battery and others. Whereas, the global cathode materials market is divided into automotive, consumer electronics, energy storage systems, power tools and others, in terms of application.

The fastest growing regional market is Asia Pacific due to rising industrialization in emerging economies, such as China, India and Thailand, increasing demand for consumer electronics appliances in the region, growing demand for battery energy systems and shifting preference from fuel energy to battery energy. Further, the COVID-19 pandemic has hindered the market growth of cathode materials due to disruption in the supply chain and the decline in demand from the end-use industries.

Scope of the report:

The report provides a comprehensive analysis of the global cathode materials market segmented on the basis of material, battery type, applications and region, with potential impact of COVID-19.

The major regional and country markets (Asia Pacific, North America, Europe and RoW) have been analyzed.

The market dynamics such as growth drivers, market trends and challenges are analyzed in-depth.

The company profiles of leading players (BASF SE, Mitsubishi Chemical Holdings Corporation, Umicore SA, Johnson Matthey PLC, Sumitomo Metal Mining Co., Ltd., and Posco Chemical Co., Ltd.) are also presented in detail.

Key Target Audience:

Cathode Material & Battery Manufacturers

Raw Material Suppliers

Traders, Distributors, and Suppliers of Cathode Materials

End Users (Automotive Industry, Consumer Electronics & Mining Operations)

Government Bodies & Regulating Authorities

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