

Global Lithium-Ion Battery Separator Market Size study & Forecast, by Material (Polypropylene (PP), Polyethylene (PE), Nylon and Others), by Thickness (16µm, 20µm and 25µm), by End-User (Industrial, Consumer Electronics, Automotive and Others), and Regional Analysis, 2022-2029

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Abstracts

Global Lithium Ion Battery Separator Market is valued at approximately USD 5.71 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.30% over the forecast period 2022-2029. The battery separator functions as a membrane between the anode and cathode. It is a crucial part of the lithium-ion battery cell. Separators in lithium-ion batteries function as a barrier to stop a short circuit between the cathode and anode. The Lithium-Ion Battery Separator market is expanding because of factors such as increasing adoption of electric vehicles (EVs) and growing government support.

Rising government initiatives to reduce the adoption of motor vehicles is catering the market growth. Norway government announce to prohibit the sales of ICE vehicles by year 2025, France by 2040, and the UK by 2050. Furthermore, China's identical goal is also the subject of pertinent research. India also intends to phase out ICE engines by 2030. Along with these, in 2022, EV adoption rose considerably. The International Energy Agency estimates that there were more than 16.5 million electric vehicles in use worldwide in 2021, an increase of 61% from 2020. Thus rising adoption of electric vehicles is catering to the market growth. In addition, growing demand for smartphones, tablets and other consumer electronics and extensive research and development activities across the world is creating lucrative growth in the market. However, the high cost of Lithium-Ion Battery Separators stifles market growth throughout the forecast

period of 2022-2029.

The key regions considered for the Global Lithium-Ion Battery Separator Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to the rising sales of electric vehicles, rising demand from end-use industry. Whereas North America is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising product development activities and rising demand from end-use industries.

Major market players included in this report are:

Asahi Kasei Corporation

Beijing SOJO Electric Co. Ltd.

Cangzhou Mingzhu Plastic Co. Ltd

ENTEK International LLC

Mitsubishi Paper Mills Limited (Oji Paper Co. Ltd.)

Shanghai Energy New Materials Technology Co. Ltd.

SK Innovation Co. Ltd.

Sumitomo Chemical Co. Ltd.

Teijin Limited

Toray Industries Inc.

Recent Developments in the Market:

In November 2022, in partnership with General Motors and Microvast, the US Department of Energy's Battery Materials Processing and Battery Manufacturing division announced plans to invest USD 0.2 billion in the development of specialised electric vehicle battery separators.

In April 2022, ENTEK announced its plan to grow in the United States. With a total production of 1.4 billion square metres by 2025 and further expansion through 2027, ENTEK is anticipated to finish its first phase expansion and create enough separator material to power roughly 1.4 billion EVs.

Global Lithium Ion Battery Separator Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Material, Thickness, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Raw Material offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Polypropylene (PP)

Polyethylene (PE)

Nylon

Others

By Thickness:

16µm

20µm

25µm

By End-User:

Industrial

Consumer Electronics

Automotive

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany
France
Spain
Italy
ROE
Asia Pacific
China
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RoLA
Rest of the World

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