

2018-2023 Global Battery Separator Films Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Battery Separator Films market for 2018-2023.

Battery Separator Films are kind of diaphragm material between the cathode and the anode in a battery to insulate electrons while freely transit the electrolyte ions. It is the separation of charge that allows the battery to generate electricity. Lithium battery and lead battery are two main batteries in nowadays market. Battery separator films, the analyzed object in this report, are widely used in the former. Battery Separator Films are polypropylene (PP), polyethylene (PE), or trilayer PP/PE/PP electrolytic separator membranes which play a critical role of separating the cathode from the anode. It is widely used in consumer electronics, power vehicle, electric power storage, industrial use.

The lithium battery cell, where battery separator films are widely applied, is composed of cathode material, anode material, electrolyte and separator, of which, lithium battery separator as a high value-added material with the highest technical barrier among lithium battery materials accounts for about 15-20% of the battery cost. The main role of the separator film is to separate the positive and negative electrodes of the lithium-ion battery, thus preventing two neighboring contacts from a short circuit.

The production regions mainly focus on Japan, USA, Korea and China. Japan-based Asahi Kasei, U.S.-based Celgard, South Korea-based SKI, Japan-based Toray Tonen and Japan-based UBE are the leader manufacturers in global. In the past years, the capacity of lithium battery separator was grown rapidly. The three biggest suppliers of separator in China - Senior Tech, Jinhui Hi-Tech and Zhongke Sci & Tech are the

representative recent years. China's lithium battery separator industry faces overcapacity. It is predicted that the overcapacity will bring ruthless competition in the next few years.

The downstream of the lithium battery separator film is rigid, which is widely used in the consumer electronics, power vehicle, electric power storage and industrial use etc. fields. Consumer electronics field was the major field which account for approximately 68% in 2016.

Over the next five years, LPI(LP Information) projects that Battery Separator Films will register a 8.3% CAGR in terms of revenue, reach US\$ 3910 million by 2023, from US\$ 2420 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Battery Separator Films market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Dry Method

Wet Method

Segmentation by application:

Consumer Electronics

Power Vehicle

Electric Power Storage

Industrial Use

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Asahi Kasei

SK Inovation

Toray

Celgard

UBE

Sumitomo Chem

Entek

Evonik

MPI

W-SCOPE

Senior Tech

Jinhui Hi-Tech

Zhongke Sci & Tech

Cangzhou Mingzhu

Suzhou GreenPower

Yiteng New Energy

Tianfeng Material

DG Membrane Tech

Newmi-Tech

FSDH

Hongtu LIBS Tech

Shanghai Energy

Gellec

Zhenghua Separator

Huiqiang New Energy

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Battery Separator Films consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Battery Separator Films market by identifying its

various subsegments.

Focuses on the key global Battery Separator Films manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Battery Separator Films with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Battery Separator Films submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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