

Global Wet Diaphragm Production, Demand and Key Producers, 2022-2028

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Abstracts

The wet method is also called thermally induced phase separation method. The wet method adopts the principle of thermally induced phase separation. The plasticizer is mixed with the polyolefin resin. During the cooling process of the molten mixture, solid-liquid phase/liquid-phase separation occurs, and the film is pressed and heated. When the temperature is close to the melting point, the molecular chain is stretched to make the orientation of the molecular chain consistent, and the plasticizer is extracted from the film with a volatile solvent to obtain a diaphragm. The diaphragm produced by the wet biaxial stretching method has uniform distribution of pores, high transverse tensile strength, and high puncture strength. The normal process will not cause perforation and is not easy to tear. The product can be made thinner, making the battery energy density higher. However, because the wet process needs to consume a large amount of organic solvent, the complexity and cost of the process are increased, and the environmental pollution is large. At the same time, since the wet production process uses polyethylene base material, the melting point of the polyethylene base material is at 135-140 °C, so, compared with the lithium battery separator produced by the dry production process, the lithium battery produced by the wet production process The thermal stability of the diaphragm is relatively poor, and it is easy to shrink at high temperature and cause a short circuit.

This report studies the global Wet Diaphragm production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Wet Diaphragm, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Wet Diaphragm that contribute to its

increasing demand across many markets.

The global Wet Diaphragm market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Wet Diaphragm total production and demand, 2017-2028, (K Sqm)

Global Wet Diaphragm total production value, 2017-2028, (USD Million)

Global Wet Diaphragm production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (K Sqm)

Global Wet Diaphragm consumption by region & country, CAGR, 2017-2028 & (K Sqm)

U.S. VS China: Wet Diaphragm domestic production, consumption, key domestic manufacturers and share

Global Wet Diaphragm production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (K Sqm)

Global Wet Diaphragm production by Type, production, value, CAGR, 2017-2028, (USD Million) & (K Sqm)

Global Wet Diaphragm production by Application production, value, CAGR, 2017-2028, (USD Million) & (K Sqm)

This reports profiles key players in the global Wet Diaphragm market based on the following parameters – headquarters, production locations, products portfolio, Wet Diaphragm revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Wet Diaphragm market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Wet Diaphragm Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Wet Diaphragm Market, Segmentation by Type

5?m

9?m

12?m

16?m

20?m

Other

Global Wet Diaphragm Market, Segmentation by Application

Power Lithium Battery

Energy Storage Lithium Battery

Consumer Lithium Battery

Companies Profiled:

Yunnan Energy New Material

Shenzhen Senior Technology Material

Zte Innovative Material Technologies

Shanghai Putailai New Energy Technology

Henan Huiqiang New Energy Material Technology

Suzhou Green Power New Energy Material

Chongqing Enjieniumi Technology

Sinoma Science & Technology

Liaoyuan Hongtu Li-ion Battery Diaphragm Technology

Key Questions Answered

1. How big is the global Wet Diaphragm market?
2. What is the demand of the global Wet Diaphragm market?
3. What is the year over year growth of the global Wet Diaphragm market?
4. What is the production and production value of the global Wet Diaphragm market?

5. Who are the key producers in the global Wet Diaphragm market?
6. What are the growth factors driving the market demand?

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