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Global Electrode Binders for Lithium-ion Batteries Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Electrode Binders for Lithium-ion Batteries market size is expected to reach $ 2390 million by 2032, rising at a market growth of 8.4% CAGR during the forecast period (2026-2032).
Electrode adhesive for lithium-ion batteries refers to a functional polymer material used in the electrode preparation process to firmly bond active materials, conductive agents, and metal current collectors. Its main function is to maintain the integrity of the electrode structure during charging and discharging, ensure the continuity of electron and ion transport channels, and provide necessary mechanical support and bonding strength under repeated lithium insertion and volume changes. It is an important basic material that affects the cycle life, safety, and consistency of batteries. In 2025, global Electrode Binders for Lithium-ion Batteries production reached approximately 148 K MT, with an average global market price of around US$ 8,569 per MT.
Electrode adhesives belong to the segmented materials with 'small usage but key value', and their demand is highly correlated with the shipment volume of lithium-ion batteries. The overall demand is steadily increasing with the expansion of power batteries and energy storage batteries, but the focus of competition is clearly shifting. On the one hand, environmental protection and cost reduction pressure are driving the industry to accelerate its transformation from solvent based systems represented by PVDF to water-based adhesives. The water-based negative electrode system has basically matured, and the water-based positive electrode and low solvent system have become important incremental directions; On the other hand, new material systems such as high nickel positive electrodes and silicon-based negative electrodes have higher requirements for adhesives. Simply 'sticking' is no longer sufficient to meet the demand. Functional adhesives with high elasticity, strength, and interface control capabilities are more likely to gain downstream recognition. Overall, the electrode adhesive market is shifting from standardized material competition to technology-based

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competition centered on formulation capability, process adaptability, and long-term cycle validation. Top enterprises are expected to maintain higher added value in high-end applications with customer binding and continuous iteration capabilities.
This report studies the global Electrode Binders for Lithium-ion Batteries production, demand, key manufacturers, and key regions.
This report is a detailed and comprehensive analysis of the world market for Electrode Binders for Lithium-ion Batteries and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Electrode Binders for Lithium-ion Batteries that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electrode Binders for Lithium-ion Batteries total production and demand, 2021-2032, (Kilotons)
Global Electrode Binders for Lithium-ion Batteries total production value, 2021-2032, (USD Million)
Global Electrode Binders for Lithium-ion Batteries production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)
Global Electrode Binders for Lithium-ion Batteries consumption by region & country, CAGR, 2021-2032 & (Kilotons)
U.S. VS China: Electrode Binders for Lithium-ion Batteries domestic production, consumption, key domestic manufacturers and share
Global Electrode Binders for Lithium-ion Batteries production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)
Global Electrode Binders for Lithium-ion Batteries production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)
Global Electrode Binders for Lithium-ion Batteries production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)
This report profiles key players in the global Electrode Binders for Lithium-ion Batteries market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kureha, Solvay, ZEON CORPORATION, Arkema, NIPPON A&L, JSR Corporation, Zhejiang Fluorine Chemical New Material, Hansol Chemical, LG Chem, Trinseo, etc.
This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.
Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Electrode Binders for Lithium-ion Batteries market

Detailed Segmentation:

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Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Kilotons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Electrode Binders for Lithium-ion Batteries Market, By Region:

- United States
- China
- Europe
- Japan
- South Korea
- ASEAN
- India
- Rest of World

Global Electrode Binders for Lithium-ion Batteries Market, Segmentation by Type:

- Anode Adhesive
- Cathode Adhesive

Global Electrode Binders for Lithium-ion Batteries Market, Segmentation by Physical State:

- Oil Based Binders
- Water-Based Binders

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Global Electrode Binders for Lithium-ion Batteries Market, Segmentation by Application:

Power Battery

Energy Storage Battery

Digital Battery

Others

Companies Profiled:

Kureha

Solvay

ZEON CORPORATION

Arkema

NIPPON A&L

JSR Corporation

Zhejiang Fluorine Chemical New Material

Hansol Chemical

LG Chem

Trinseo

BASF

Sichuan Yindile Material Technology Group

Fujian BLUE Ocean & Black STONE Technology

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Shanghai 3F New Materials

Crystal Clear Electronic Material

Hunan Gaorui

Key Questions Answered:

1. How big is the global Electrode Binders for Lithium-ion Batteries market?
2. What is the demand of the global Electrode Binders for Lithium-ion Batteries market?
3. What is the year over year growth of the global Electrode Binders for Lithium-ion Batteries market?
4. What is the production and production value of the global Electrode Binders for Lithium-ion Batteries market?
5. Who are the key producers in the global Electrode Binders for Lithium-ion Batteries market?
6. What are the growth factors driving the market demand?

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