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Global Battery Electrode Dry Coating Materials Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Battery Electrode Dry Coating Materials market size was valued at US$ 5002 million in 2025 and is forecast to a readjusted size of US$ 13058 million by 2032 with a CAGR of 14.9% during review period.

Battery electrode dry coating materials refer to functional materials used in solvent-free electrode manufacturing processes, where active materials, conductive additives, and binders are processed into dry films and directly laminated onto current collectors without the use of liquid solvents. These materials are critical for enabling dry electrode fabrication technologies that reduce energy consumption, eliminate solvent recovery systems, and improve manufacturing efficiency. From a value chain perspective, upstream includes active materials (such as lithium nickel manganese cobalt oxide, lithium iron phosphate), conductive carbon materials, and polymer binders (such as PTFE); midstream involves material formulation, dry mixing, fibrillation, and coating/lamination processes; downstream demand comes from battery manufacturers in electric vehicles, energy storage systems, and consumer electronics. In 2025, the average selling price is approximately US$11,800 per ton, with global demand reaching around 412,000 tons. The industry maintains gross margins of 28%–45%, supported by technological barriers, process integration complexity, and strong demand from next-generation battery manufacturing.

This report is a detailed and comprehensive analysis for global Battery Electrode Dry Coating Materials market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

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well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Battery Electrode Dry Coating Materials market size and forecasts, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2021-2032

Global Battery Electrode Dry Coating Materials market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2021-2032

Global Battery Electrode Dry Coating Materials market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2021-2032

Global Battery Electrode Dry Coating Materials market shares of main players, shipments in revenue ($ Million), sales quantity (Kilotons), and ASP (US$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Battery Electrode Dry Coating Materials
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Battery Electrode Dry Coating Materials market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Chemours, Daikin Industries, Arkema, Solvay, 3M, DuPont, LG Chem, Sumitomo Chemical, Mitsubishi Chemical, Kuraray, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

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Market Segmentation

Battery Electrode Dry Coating Materials market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- Active Materials
- Conductive Additives
- Binder Materials

Market segment by Battery Type

- Lithium-ion Batteries
- Solid-state Batteries
- Sodium-ion Batteries

Market segment by Electrode Type

- Cathode Materials
- Anode Materials

Market segment by Application

- EV Batteries
- Energy Storage

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Consumer Electronics

Major players covered

Chemours

Daikin Industries

Arkema

Solvay

3M

DuPont

LG Chem

Sumitomo Chemical

Mitsubishi Chemical

Kuraray

CATL

BYD

Putailai

BTR New Energy Materials

Shanshan Technology

Sinoma Lithium Battery Separator

Market segment by region, regional analysis covers

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North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Battery Electrode Dry Coating Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Electrode Dry Coating Materials, with price, sales quantity, revenue, and global market share of Battery Electrode Dry Coating Materials from 2021 to 2026.

Chapter 3, the Battery Electrode Dry Coating Materials competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Battery Electrode Dry Coating Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Battery Electrode Dry Coating Materials market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Battery Electrode Dry Coating Materials.

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Chapter 14 and 15, to describe Battery Electrode Dry Coating Materials sales channel, distributors, customers, research findings and conclusion.

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