

Europe Binders in Battery Market: Analysis and Forecast, 2022-2031

<https://marketpublishers.com/r/E45108270FB4EN.html>

Date: February 2024

Pages: 98

Price: US\$ 2,950.00 (Single User License)

ID: E45108270FB4EN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

This report will be delivered in 1-5 working days.

Introduction to Europe Binders in Battery Market

The Europe binders in battery market (excluding U.K.) is projected to reach \$1,039.2 million by 2031 from \$365.1 million in 2022, growing at a CAGR of 12.33% during the forecast period 2022-2031. The growth of the binder market in batteries is expected to be driven by the increasing adoption of electric vehicles and greater investments in battery installations within the renewable energy sector. Although these factors provide positive momentum, obstacles to market growth include difficulties related to the advancement of electrodes without binders and the continual demand for maintaining high-quality standards.

Market Introduction

The Europe Binders in Battery Market is positioned for significant growth, buoyed by the escalating demand for electric vehicles (EVs) and substantial investments in renewable energy storage infrastructure. With an increasing uptake of EVs and a concerted effort towards sustainable energy practices, the market for battery binders is anticipated to witness robust expansion across Europe. Binders serve as crucial components in enhancing battery performance and longevity, thus playing a pivotal role in the evolving landscape of electric transportation and renewable energy initiatives. However, challenges such as the development of binder-free electrodes and the persistent need for maintaining stringent quality standards may present hurdles to market growth. As

Europe continues to lead in the adoption of environmentally friendly technologies, the Binders in Battery Market is poised for noteworthy progress to cater to the rising demand for energy storage solutions.

Market Segmentation

Segmentation 1: by End-Use Industry

Automotive and Transportation

Energy and Power

Consumer Electronics

Others

Segmentation 2: by Process

Solvent Based

Water Based

Segmentation 3: by Binder Chemistry

Styrene Butadiene Rubber (SBR)

Polyvinylidene Fluoride (PVDF)

Carboxymethyl Cellulose (CMC)

Polytetrafluoroethylene (PTFE)

Others

Segmentation 4: by Battery Type

Lithium-ion

Nickel Metal Hydride

Lead Acid

Others

Segmentation 5: by Country

Germany

France

Italy

Spain

Rest-of-Europe

How can this report add value to an organization?

Product/Innovation Strategy: The product segment helps the reader to understand the different types of binders available for batteries and their potential. Moreover, the study provides the reader with a detailed understanding of the different binder chemistry, namely, polyvinylidene fluoride, styrene-butadiene rubber, carboxymethyl cellulose, polytetrafluoroethylene, and others.

Growth/Marketing Strategy: Business expansion, partnership, collaboration, and joint venture are some key strategies adopted by key players operating in the space.

Competitive Strategy: Key players in the Europe binders in battery market analyzed and profiled in the study involve binder providers. Moreover, a detailed competitive benchmarking of the players operating in the Europe binders in battery market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the

untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Some of the prominent names established in this market are:

Arkema

BASF SE

Solvay

Northvolt AB

Contents

Executive Summary

Scope of the Study

1 MARKETS

1.1 Industry Outlook

1.1.1 Trends: Current and Future

1.1.1.1 Focus on Water Based Battery Binders

1.1.1.2 Increasing Customer Awareness regarding Electric Vehicles

1.1.2 Supply Chain Network/MAP

1.1.3 Value Chain Analysis

1.1.4 Impact of COVID-19 on the Binders in Battery Market

1.1.5 Ecosystem/Ongoing Programs

1.1.5.1 Consortiums and Associations

1.1.5.2 Regulatory Bodies

1.2 Business Dynamics

1.2.1 Business Drivers

1.2.1.1 Increasing Demand for Electric Vehicles

1.2.1.2 Growing Investments and Installations in Renewable Energy Sector

1.2.1.3 Improved Battery Performance due to Advance Multifunctional Binders

1.2.2 Business Challenges

1.2.2.1 Highly Competitive Market Creating Constant Pressure to Maintain High Performance and Quality of Binders at Competitive Price

1.2.2.2 Development of Binder Free Electrode Technologies for Advance Batteries

1.2.3 Business Opportunities

1.2.3.1 Integration of Internet of Things (IoT) and Artificial Intelligence (AI) Technologies in Consumer Electronics

1.2.3.2 Increasing Awareness about Bio-Based Products

1.2.4 Business Strategies

1.2.4.1 Product Development

1.2.4.2 Market Development

1.2.5 Corporate Strategies

1.2.5.1 Partnerships, Collaborations, and Joint Ventures

1.3 Snapshots of Battery Manufacturing Equipment's Market

1.4 Start-Up Landscape

2 REGION

2.1 Europe

2.1.1 Market

2.1.1.1 Key Manufacturers/Suppliers in Europe

2.1.1.2 Business Challenges

2.1.1.3 Business Drivers

2.1.2 Application

2.1.3 Product

2.1.4 Europe: Country-Level Analysis

2.1.4.1 Germany

2.1.4.1.1 Market

2.1.4.1.1.1 Buyer Attributes

2.1.4.1.1.2 Key Manufacturers/Suppliers in Germany

2.1.4.1.1.3 Business Challenges

2.1.4.1.1.4 Business Drivers

2.1.4.1.2 Application

2.1.4.1.3 Product

2.1.4.2 France

2.1.4.2.1 Market

2.1.4.2.1.1 Buyer Attributes

2.1.4.2.1.2 Key Manufacturers/Suppliers in France

2.1.4.2.1.3 Business Challenges

2.1.4.2.1.4 Business Drivers

2.1.4.2.2 Application

2.1.4.2.3 Product

2.1.4.3 Italy

2.1.4.3.1 Market

2.1.4.3.1.1 Buyer Attributes

2.1.4.3.1.2 Key Manufacturers/Suppliers in Italy

2.1.4.3.1.3 Business Challenges

2.1.4.3.1.4 Business Drivers

2.1.4.3.2 Application

2.1.4.3.3 Product

2.1.4.4 Spain

2.1.4.4.1 Market

2.1.4.4.1.1 Buyer Attributes

2.1.4.4.1.2 Key Manufacturers/Suppliers in Spain

2.1.4.4.1.3 Business Challenges

2.1.4.4.1.4 Business Drivers

- 2.1.4.4.2 Application
- 2.1.4.4.3 Product
- 2.1.4.5 Rest-of-Europe
 - 2.1.4.5.1 Market
 - 2.1.4.5.1.1 Buyer Attributes
 - 2.1.4.5.1.2 Key Manufacturers/Suppliers in the Rest-of-Europe
 - 2.1.4.5.1.3 Business Challenges
 - 2.1.4.5.1.4 Business Drivers
 - 2.1.4.5.2 Application
 - 2.1.4.5.3 Product
- 2.2 U.K.
 - 2.2.1 Market
 - 2.2.1.1 Buyer Attributes
 - 2.2.1.2 Key Manufacturers/Suppliers in the U.K.
 - 2.2.1.3 Business Challenges
 - 2.2.1.4 Business Drivers
 - 2.2.2 Application
 - 2.2.3 Product

3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

- 3.1 Competitive Benchmarking
 - 3.1.1 Competitive Position Matrix
 - 3.1.2 Product Matrix for Key Companies
 - 3.1.3 Market Share Analysis
- 3.2 Company Profiles
 - 3.2.1 Arkema
 - 3.2.1.1 Company Overview
 - 3.2.1.1.1 Role of Arkema in the Binders in Battery Market
 - 3.2.1.1.2 Product Portfolio
 - 3.2.1.1.3 Business Strategies
 - 3.2.1.1.3.1 Market Development
 - 3.2.1.1.4 Corporate Strategies
 - 3.2.1.1.4.1 Partnerships, Collaborations, and Joint Ventures
 - 3.2.1.1.5 R&D Analysis
 - 3.2.1.1.6 Analyst view
 - 3.2.2 BASF SE
 - 3.2.2.1 Company Overview
 - 3.2.2.1.1 Role of BASF SE in the Binders in Battery Market

- 3.2.2.1.2 Product Portfolio
- 3.2.2.1.3 Corporate Strategies
 - 3.2.2.1.3.1 Partnerships, Collaborations, and Joint Ventures
- 3.2.2.1.4 R&D Analysis
- 3.2.2.1.5 Analyst View
- 3.2.3 Solvay
 - 3.2.3.1 Company Overview
 - 3.2.3.1.1 Role of Solvay in the Binders in Battery Market
 - 3.2.3.1.2 Product Portfolio
 - 3.2.3.1.3 Business Strategies
 - 3.2.3.1.3.1 Market Development
 - 3.2.3.1.3.2 Product Development
 - 3.2.3.1.4 Corporate Strategies
 - 3.2.3.1.4.1 Partnerships, Collaborations, and Joint Ventures
 - 3.2.3.1.5 R&D Analysis
 - 3.2.3.1.6 Analyst View
- 3.2.4 Synthomer PLC
 - 3.2.4.1 Company Overview
 - 3.2.4.1.1 Role of Synthomer PLC in the Binder in Battery Market
 - 3.2.4.1.2 Product Portfolio
 - 3.2.4.1.3 Business Strategies
 - 3.2.4.1.3.1 Market Development
 - 3.2.4.1.4 R&D Analysis
 - 3.2.4.1.5 Analyst View
- 3.2.5 Northvolt AB
 - 3.2.5.1 Company Overview
 - 3.2.5.1.1 Role of Northvolt AB in the Binder in Battery Market
 - 3.2.5.1.2 Product Portfolio
 - 3.2.5.1.3 Corporate Strategies
 - 3.2.5.1.3.1 Partnerships, Collaborations, and Joint Ventures
 - 3.2.5.1.4 Analyst View

4 RESEARCH METHODOLOGY

- 4.1 Primary Data Sources
- 4.2 Secondary Data Sources
- 4.3 Top-Down and Bottom-Up Approach
- 4.4 Assumptions and Limitations

List Of Figures

LIST OF FIGURES

Figure 1: Europe Binders in Battery Market Snapshot, \$Million, 2021, 2022, and 2031

Figure 2: Europe Binders in Battery Market (by End-Use Industry), \$Million, 2021 and 2031

Figure 3: Europe Binders in Battery Market (by Battery Type), \$Million, 2021 and 2031

Figure 4: Europe Binders in Battery Market (by Binder Chemistry), \$Million, 2021 and 2031

Figure 5: Europe Binders in Battery Market (by Process), \$Million, 2021 and 2031

Figure 6: Binders in Battery Market (by Region), \$Million, 2021 and 2031

Figure 7: Supply Chain Analysis for Binders in Battery Market

Figure 8: Increasing Adoption of Electric Vehicle (EV), Million Units, 2020, 2025, and 2030

Figure 9: Renewable Electricity Generation (by Technology), 2016-2025

Figure 10: Consumer Electronics with Integration of Internet of Things (IoT) and Artificial Intelligence (AI)

Figure 11: Carbon Footprint for Major Countries, Gigatons (Gt), 2021

Figure 12: Share of Key Market Strategies and Developments, January 2019-March 2023

Figure 13: Share of Market Development (by Company), January 2019-March 2023

Figure 14: Partnerships, Collaborations, and Joint Ventures, January 2019-March 2023

Figure 15: Battery Manufacturing Equipment Market Snapshot, \$Million, 2021, 2022, and 2031

Figure 16: Arkema: R&D Expenditure, \$Million, 2021 and 2022

Figure 17: BASF SE: R&D Expenditure, \$Million, 2019-2021

Figure 18: Solvay: R&D Expenditure, \$Million, 2019-2021

Figure 19: Synthomer PLC: R&D Expenditure, \$Million, 2020 and 2021

Figure 20: Research Methodology

Figure 21: Top-Down and Bottom-Up Approach

Figure 22: Influencing Factors of the Binders in Battery Market

Figure 23: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: 12. List of Consortiums and Associations

Table 2: 12. List of Regulatory Bodies

Table 3: 12. List of Advance Multifunctional Binders

Table 4: Key Differentiating Pointers for Binder-Free Batteries and Binder-Based Batteries

Table 5: 12. List of Key Product Developments, January 2019-March 2023

Table 6: 12. List of Key Market Developments, January 2019-March 2023

Table 7: 12. List of Key Partnerships, Collaborations, and Joint Ventures, January 2019-March 2023

Table 8: Binders in Battery Market (by Region), \$Million, 2021-2031

Table 9: Binders in Battery Market (by Region), Tons, 2021-2031

Table 10: Europe Binders in Battery Market (by End-Use Industry), Tons, 2021-2031

Table 11: Europe Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031

Table 12: Europe Binders in Battery Market (by Battery Type), Tons, 2021-2031

Table 13: Europe Binders in Battery Market (by Battery Type), \$Million, 2021-2031

Table 14: Europe Binders in Battery Market (by Process), Tons, 2021-2031

Table 15: Europe Binders in Battery Market (by Process), \$Million, 2021-2031

Table 16: Europe Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031

Table 17: Europe Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031

Table 18: Germany Binders in Battery Market (by End-Use Industry), Tons, 2021-2031

Table 19: Germany Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031

Table 20: Germany Binders in Battery Market (by Battery Type), Tons, 2021-2031

Table 21: Germany Binders in Battery Market (by Battery Type), \$Million, 2021-2031

Table 22: Germany Binders in Battery Market (by Process), Tons, 2021-2031

Table 23: Germany Binders in Battery Market (by Process), \$Million, 2021-2031

Table 24: Germany Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031

Table 25: Germany Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031

Table 26: France Binders in Battery Market (by End-Use Industry), Tons, 2021-2031

Table 27: France Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031

Table 28: France Binders in Battery Market (by Battery Type), Tons, 2021-2031

Table 29: France Binders in Battery Market (by Battery Type), \$Million, 2021-2031

Table 30: France Binders in Battery Market (by Process), Tons, 2021-2031

Table 31: France Binders in Battery Market (by Process), \$Million, 2021-2031

Table 32: France Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031
Table 33: France Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031
Table 34: Italy Binders in Battery Market (by End-Use Industry), Tons, 2021-2031
Table 35: Italy Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031
Table 36: Italy Binders in Battery Market (by Battery Type), Tons, 2021-2031
Table 37: Italy Binders in Battery Market (by Battery Type), \$Million, 2021-2031
Table 38: Italy Binders in Battery Market (by Process), Tons, 2021-2031
Table 39: Italy Binders in Battery Market (by Process), \$Million, 2021-2031
Table 40: Italy Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031
Table 41: Italy Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031
Table 42: Spain Binders in Battery Market (by End-Use Industry), Tons, 2021-2031
Table 43: Spain Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031
Table 44: Spain Binders in Battery Market (by Battery Type), Tons, 2021-2031
Table 45: Spain Binders in Battery Market (by Battery Type), \$Million, 2021-2031
Table 46: Spain Binders in Battery Market (by Process), Tons, 2021-2031
Table 47: Spain Binders in Battery Market (by Process), \$Million, 2021-2031
Table 48: Spain Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031
Table 49: Spain Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031
Table 50: Rest-of-Europe Binders in Battery Market (by End-Use Industry), Tons, 2021-2031
Table 51: Rest-of-Europe Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031
Table 52: Rest-of-Europe Binders in Battery Market (by Battery Type), Tons, 2021-2031
Table 53: Rest-of-Europe Binders in Battery Market (by Battery Type), \$Million, 2021-2031
Table 54: Rest-of-Europe Binders in Battery Market (by Process), Tons, 2021-2031
Table 55: Rest-of-Europe Binders in Battery Market (by Process), \$Million, 2021-2031
Table 56: Rest-of-Europe Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031
Table 57: Rest-of-Europe Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031
Table 58: U.K. Binders in Battery Market (by End-Use Industry), Tons, 2021-2031
Table 59: U.K. Binders in Battery Market (by End-Use Industry), \$Million, 2021-2031
Table 60: U.K. Binders in Battery Market (by Battery Type), Tons, 2021-2031
Table 61: U.K. Binders in Battery Market (by Battery Type), \$Million, 2021-2031
Table 62: U.K. Binders in Battery Market (by Process), Tons, 2021-2031
Table 63: U.K. Binders in Battery Market (by Process), \$Million, 2021-2031
Table 64: U.K. Binders in Battery Market (by Binder Chemistry), Tons, 2021-2031
Table 65: U.K. Binders in Battery Market (by Binder Chemistry), \$Million, 2021-2031

Table 66: Arkema: Product Portfolio

Table 67: BASF SE: Product Portfolio

Table 68: Solvay: Product Portfolio

Table 69: Synthomer PLC: Product Portfolio

Table 70: Northvolt AB: Product Portfolio

I would like to order

Product name: Europe Binders in Battery Market: Analysis and Forecast, 2022-2031

Product link: <https://marketpublishers.com/r/E45108270FB4EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E45108270FB4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970