

Global Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) market size was valued at US\$ 2593 million in 2025 and is forecast to a readjusted size of US\$ 5426 million by 2032 with a CAGR of 11.2% during review period.

Vinylene carbonate is an organic compound with a cyclic structure and the chemical formula is $C_4H_2O_2$. Fluoroethylene carbonate is a fluorine-containing cyclic carbonate compound with the chemical formula $C_4H_2FO_2$. They are all commonly used film-forming additives in lithium-ion battery electrolytes, which can form a stable solid electrolyte interface film (SEI film) on the surface of the negative electrode, significantly improving the cycle life and performance stability of the battery.

This report is a detailed and comprehensive analysis for global Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average

selling prices (US\$/Ton), 2021-2032

Global Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC)

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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Huasheng Lithium Battery, Shandong Genyuan, Capchem Technology Co., Ltd., Suzhou Huayi Technology, Yongtai Technology Co., Ltd., Hancock Chemical, Zhejiang Tianshuo Technology, Tinci Materials Technology Co., Ltd., Bohong Chemical, Fujian Chuangxin Technology, etc.

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

Market Segmentation

Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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

Vinylene Carbonate (VC)

Fluoroethylene Carbonate (FEC)

Market segment by Application

Power Battery

Energy Storage Battery

Other

Major players covered

Huasheng Lithium Battery

Shandong Genyuan

Capchem Technology Co., Ltd.

Suzhou Huayi Technology

Yongtai Technology Co., Ltd.

Hancock Chemical

Zhejiang Tianshuo Technology

Tinci Materials Technology Co., Ltd.

Bohong Chemical

Fujian Chuangxin Technology

Qingmu High-Tech

Jiangsu Huasheng

Quanzhou Yuji

Synvent Group

PCC Group

Ataman Kimya

Market segment by region, regional analysis covers

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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC), with price, sales quantity, revenue, and global market share of Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) from 2021 to 2026.

Chapter 3, the Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) 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 Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC).

Chapter 14 and 15, to describe Vinylene Carbonate (VC) and Fluoroethylene Carbonate (FEC) sales channel, distributors, customers, research findings and conclusion.

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