

Global Polyvinylidene Fluoride (PVDF) Market 2023

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Abstracts

Polyvinylidene fluoride (PVDF) is a versatile thermoplastic fluoropolymer known for its exceptional chemical resistance, high purity, and excellent mechanical properties. It is commonly used in applications that require resistance to harsh chemicals, UV radiation, and high temperatures. PVDF is also valued for its flame retardancy and weatherability, making it suitable for outdoor applications. PVDF is widely used in industries such as chemical processing, semiconductor, pharmaceutical, and construction. In the chemical processing industry, PVDF is used for piping, fittings, and valves due to its resistance to a wide range of corrosive chemicals. In the semiconductor industry, PVDF is used in the production of critical components due to its high purity and resistance to etching chemicals. In the construction industry, PVDF is used in architectural coatings and as a material for cladding due to its weather resistance and durability.

The global polyvinylidene fluoride market is projected to rise by USD 0.4 billion by 2029, according to the latest market study results. It is anticipated to expand at a CAGR of 5.4 percent during the forecast period.

This comprehensive industry report provides market estimates and forecasts, accompanied by a detailed examination of the application, end user, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from market trends and the approaches of leading competitors.

The global baby bottle market has been extensively analyzed by categorizing it according to various sub-segments in order to provide accurate forecasts of industry size and assess trends within specific areas.

The global market for polyvinylidene fluoride can be segmented by application:

coatings, films and sheets, li-ion batteries, membranes, pipes and fittings, wires and semiconductor processing. The wires and semiconductor processing segment held the largest revenue share in 2022.

Polyvinylidene fluoride market is further segmented by end user: aerospace and defense, automotive and transportation, chemical processing, construction, electrical and electronics, oil and gas, others. Among these, the electrical and electronics segment was accounted for the highest revenue generator in 2022, accounting for more than 26.7% of the total market.

Based on region, the polyvinylidene fluoride market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. Asia-Pacific was the largest revenue contributor to the global polyvinylidene fluoride market in 2022 and is anticipated to show the highest growth rate during the forecast period.

The report has also analyzed the competitive landscape of the global polyvinylidene fluoride market with some of the key players being Arkema S.A., Daikin Industries, Ltd., Dongyue Group Ltd., Dyneon LLC (3M Company), Gujarat Fluorochemicals Limited (GFL), Halopolymer, OJSC, Inner Mongolia 3F Wanhao Fluorochemical Co., Ltd., Inner Mongolia Joint Fluorocarbon New Material Co., Ltd., Juhua Group Corporation, Kureha Corporation, Lecron Industrial Development Group Co., Ltd., Shandong Deyi New Material Co., Ltd., Shanghai 3F New Materials Co., Ltd., Shaowu Yonghe Jintang New Materials Co., Ltd., Sinochem Lantian Co., Ltd., Solvay S.A., Zhejiang Fotech International Co., Ltd., Zhuzhou Hongda Polymer Materials Co., Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Why Choose This Report

Gain a reliable outlook of the global polyvinylidene fluoride market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Market Segments Covered in Global Polyvinylidene Fluoride Industry Analysis:

i.) Application

Coatings

Films and sheets

Li-ion batteries

Membranes

Pipes and fittings

Wires and semiconductor processing

ii.) End user

Aerospace and defense

Automotive and transportation

Chemical processing

Construction

Electrical and electronics

Oil and gas

Others

iii.) Region

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

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