

# Global Photovoltaic PVDF Resin Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Photovoltaic PVDF Resin market size was valued at USD 170.2 million in 2023 and is forecast to a readjusted size of USD 293.5 million by 2030 with a CAGR of 8.1% during review period.

PVDF (polyvinylidene fluoride) is a fluorine-containing chemical with various excellent characteristics such as corrosion resistance, high temperature resistance, high mechanical strength and high electric breakdown strength; PVDF is mainly used in photovoltaic for photovoltaic backsheet film. PVDF film (polyvinylidene fluoride film) for photovoltaic is a film with excellent weather resistance, mainly used as the outermost material of solar backsheet, protecting the solar cell module from the influence of external environmental changes, while playing the effect of anti-pollution, anti-UV, etc., so that the solar cell module remains in the best condition. PVDF film is mainly blow molded, cast two kinds of hot melt processing, you can adjust the gap of the mouth mold of the equipment to adjust the thickness; the mainstream PVDF film thickness on the market are 20, 22.5, 25, 30?m and other thicknesses.

Arkema is the largest global manufacturer of Photovoltaic PVDF Resin, holds a share about 30%, other key players include Dongyue Group, Solvay, and KUREHA, etc. China is the largest market, occupied for over 50 percent, followed by Europe. In terms of type, cast film is the largest segment, with a share about 80%, and in terms of application, the large enterprises segment holds share over 70 percent.

The Global Info Research report includes an overview of the development of the Photovoltaic PVDF Resin industry chain, the market status of Cast Film (PVDF Powder,



PVDF Granules), Blow-extruded Film (PVDF Powder, PVDF Granules), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Photovoltaic PVDF Resin.

Regionally, the report analyzes the Photovoltaic PVDF Resin markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Photovoltaic PVDF Resin market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Photovoltaic PVDF Resin market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Photovoltaic PVDF Resin industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., PVDF Powder, PVDF Granules).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Photovoltaic PVDF Resin market.

Regional Analysis: The report involves examining the Photovoltaic PVDF Resin market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Photovoltaic PVDF Resin market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Photovoltaic PVDF Resin:



Company Analysis: Report covers individual Photovoltaic PVDF Resin manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Photovoltaic PVDF Resin This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Cast Film, Blow-extruded Film).

Technology Analysis: Report covers specific technologies relevant to Photovoltaic PVDF Resin. It assesses the current state, advancements, and potential future developments in Photovoltaic PVDF Resin areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Photovoltaic PVDF Resin market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Photovoltaic PVDF Resin market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

**PVDF** Powder

**PVDF** Granules

Market segment by Application

Cast Film



Blow-extruded Film

Major players covered

Arkema

Dongyue Group

Solvay

**KUREHA** 

Shanghai Huayi 3F New Materials

Zhejiang fluorine chemical new materials

Guangdong Dongyangguang

Zhejiang Juhua

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 Photovoltaic PVDF Resin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Photovoltaic PVDF Resin, with price, sales, revenue and global market share of Photovoltaic PVDF Resin from 2019 to 2024.

Chapter 3, the Photovoltaic PVDF Resin competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Photovoltaic PVDF Resin breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Photovoltaic PVDF Resin market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Photovoltaic PVDF Resin.

Chapter 14 and 15, to describe Photovoltaic PVDF Resin sales channel, distributors, customers, research findings and conclusion.



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