

Polyvinylidene Fluoride (PVDF) – A Global Market Overview

“The report reviews, analyzes and projects the global market for Polyvinylidene Fluoride (PVDF) for the period 2017-2026. The Polyvinylidene Fluoride (PVDF) global market report analyzes the key end-use sectors of PVDF comprising Chemical Processing, Electricals & Electronics, Industrial, Automotive & Transportation, Building & Construction and Others.”

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Report Synopsis

The impact of coronavirus pandemic has evident across all regions, and the demand for Polyvinylidene Fluoride (PVDF) witnessed a moderate growth of 3% globally in 2020 compared to 2019. Consumption of PVDF has decreased significantly by 5.2% in South America followed by Europe (-5.2% YOY) and North America (-4.2% YOY), while the impact was not evident in Asia-Pacific region and the demand for the same was registered a YOY growth of 8.6% in 2020, owing to the robust growth in Chinese, Japanese and South Korean lithium-ion battery separators market.

Almost all application sectors of Polyvinylidene Fluoride (PVDF) were impacted negatively by the COVID-19 pandemic, while Electrical & Electronics sector has not had any negative impact but rather demand was accelerated at a robust YOY rate of 21.6% in 2020. A year when the global economic downturn led to a sharp decline in overall vehicle sales, global sales of electrical vehicle (EV) increased by 36.4% in 2020. The overall PVDF market is expected to reach about 80K metric tons in 2022, valued at US\$1.6 billion.

Research Findings & Coverage

- Global PVDF market is analyzed in this report with respect to treatment end-use sectors
- The study exclusively analyzes the market size of each end-use sector of PVDF by all major geographic regions/countries
- The Report Analyzes Production Capacities of the Major Global Players of PVDF
- New Energy Markets Driving Demand for PVDF in a Big Way
- Medical and Biomedical Sectors Fertile Grounds for PVDF
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 25
- The industry guide includes the contact details for 112 companies

Product Outline

End-Use Sectors of PVDF analyzed in this study comprise the following:

- Automotive & Transportation
- Electrical & Electronics
- Building & Construction
- Chemical Processing
- Industrial
- Others

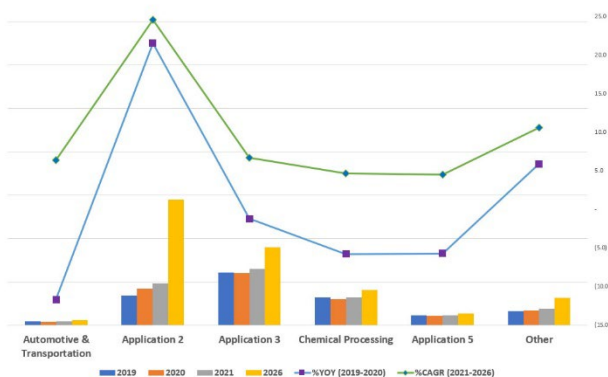
Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global PVDF market for the period 2017-2026 in terms of market volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2021 through 2026 with a special focus on y-o-y growth for 2019-2020

Geographic Coverage

- **North America** (United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World** (Middle East and Africa)

Polyvinylidene Fluoride (PVDF) Global Market by End-use Sector (2019-2026)



Source: Industry Experts, Inc. <https://industry-experts.com>

SAMPLE COMPANY PROFILE

ARKEMA GROUP (FRANCE)

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France
Phone: 33 (0)1 49 00 80 80
Fax: 33 (0)1 49 00 83 76
Website: www.arkema.com

Business Overview

Arkema Group is a leading global manufacturer and provider of specialty materials organized into four business segments: Adhesive Solutions, Advanced Materials, Coating Solutions, and Intermediates. Arkema employs 20,600 and operates 147 production plants in 55 countries across the globe. The Advanced Materials segment produces and supplies high performance polymers and performance additives globally. High performance polymers offered by Arkema include PEKK (Poly-Ether-Ketone-Ketone), Kynar® PVDF (polyvinylidene fluoride) and Specialty polyamides (Rilsan® polyamide 11 and Rilsamid® polyamide 12, Orgalloy® polyolefin/polyamide alloys, Platamid® copolyimide, Orgasol® polyamide powders).

The Arkema Group is a global leader in producing and supplying a variety of polyvinylidene fluoride (PVDF) thermoplastic resins under the Kynar® brand with outstanding properties, such as weather resistance, chemical resistance, and superior mechanical properties over a wide range of temperatures.

Product Portfolio

Following are the two different forms in which the company offers PVDF Kynar® and Kynar Flex® resins:

- Pellets for easy handling in molding and extrusion processes
- Fine powders for solutions or used as additives in the manufacturing of high-performance composites

New high-performance grades of Kynar® PVDF have been developed over the past few years for application as binder materials in the carbon electrodes of lithium-ion batteries. Other grades are utilized for producing lightweight and resistant foamed sheets for the construction industry.

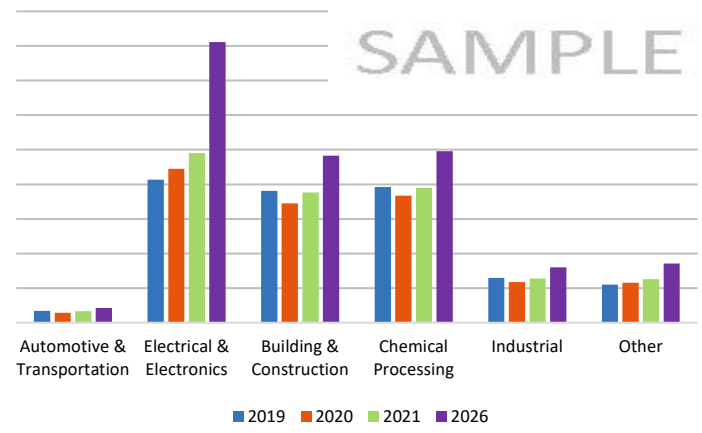
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SAMPLE TABLE/CHART

Glance at 2021 Global Polyvinylidene Fluoride (PVDF) Value Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific, South America and Rest of World



North American Polyvinylidene Fluoride (PVDF) Market Analysis (2017-2026) by End-use Sector - Automotive & Transportation, Electrical & Electronics, Building & Construction, Chemical Processing, Industrial and Other in USD Million



KEY PLAYERS PROFILED

- 3M Company
- Arkema Group
- Dongyue Group Limited
- Kureha Corporation
- Shanghai (Huayi) 3F New Material Co Ltd
- Solvay SA
- Zhejiang Juhua Co., Ltd.

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Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

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