

## Global Fluoropolymers Market – Products, Technologies and Applications

“The report reviews, analyzes and projects the global market for Fluoropolymers for the period 2017-2026. The global Fluoropolymers market report analyzes the fluoropolymer product types comprising Polytetrafluoroethylene (PTFE), Polyvinylidene fluoride (PVDF), Fluorinated ethylene propylene (FEP), Perfluoroalkoxy (PFA/MFA), Polyvinyl fluoride (PVF), Ethylene tetrafluoroethylene (ETFE), Ethylene chlorotrifluoroethylene (ECTFE) and Polychlorotrifluoroethylene (PCTFE). The report also analyzes the key end-use sectors of fluoropolymers including Chemical Processing, Electrical & Electronics, Industrial/Mechanical, Automotive & Transportation, Building & Construction and Others.”

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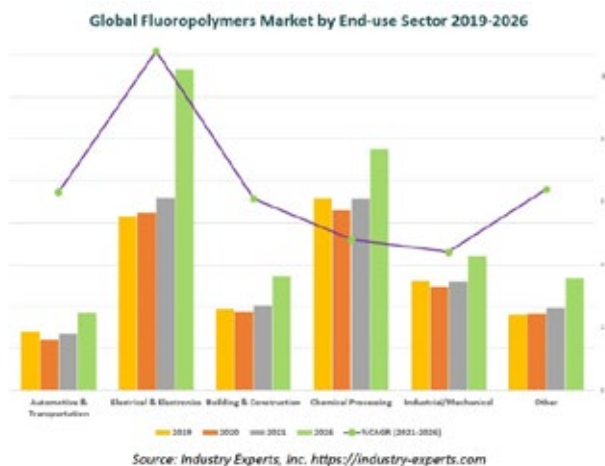
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### Report Synopsis

Global fluoropolymers growth is attributed mainly to the robust growth in the developing regions and also continued economic recovery in the developed nations that drives industrial investment and growth in construction activities. PTFE is the largest fluoropolymer in terms of volume and value. However, melt-processable fluoropolymers such as PVDF, FEP, ETFE and ECTFE are forecast to record fastest growth during the analysis period, owing to the significant demand from emerging applications such as photovoltaic modules and architectural membranes among others.

Asia-Pacific is the world’s largest volume market for Fluoropolymers, accounted for a 54.3% share in 2021, which is also likely to record the fastest 2021-2026 CAGR of 8.7% in reaching a projected 282 thousand metric tons by 2026, thanks to high demand for PVDF from electric vehicle batteries and solar photovoltaics. North American region is the second largest market for Fluoropolymers globally, occupying a 2021 share of 25.6% followed by Europe with share of 17.7%.



### Research Findings & Coverage

- Global Fluoropolymers market is analyzed in this report with respect to type and end-use sector and by type in each end-use sector
- The study exclusively analyzes the market size of each fluoropolymer type and end-use sector for all major geographic regions/countries

- New Energy Markets Driving Demand for PVDF in a Big Way
- 5G Communication Technology Boosts Demand for PTFE
- Medical Device Industry Fueling Demand for Fluoropolymers
- Demands of Membrane Market Being Addressed by PVDF
- 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 – 44
- The industry guide includes the contact details for 221 companies

### Product Outline

The report analyzes the market for the following types of Fluoropolymers:

- Polytetrafluoroethylene (PTFE)
- Fluorinated Ethylene Propylene (FEP)
- Polyvinylidene Fluoride (PVDF)
- Ethylene tetrafluoroethylene (ETFE)
- Perfluoroalkoxy (PFA/MFA)
- Polychlorotrifluoroethylene (PCTFE)
- Polyvinyl fluoride (PVF)
- Ethylene chlorotrifluoroethylene (ECTFE)

End-Use sectors of Fluoropolymers analyzed in this study comprise the following:

- Automotive & Transportation
- Building & Construction
- Chemical Processing
- Electrical & Electronics
- Industrial/Mechanical
- Other Sectors (such as medical, water filtration, textiles, cook ware & bake ware etc.)

### Analysis Period, Units and Growth Rates

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

### Geographic Coverage

- North America** (The United States, Canada and Mexico)
- Europe** (France, Germany, Italy, The Netherlands, Russia, Spain, The United Kingdom and Rest of Europe)
- Asia-Pacific** (China, Japan, India, 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)

## SAMPLE COMPANY PROFILE

### 3M COMPANY (UNITED STATES)

3M Center, St. Paul, MN 55144-1000, United States  
Phone: (651) 733-1110, Fax: (651) 733-9973  
Website: www.3m.com

#### 3M Advanced Materials Division

3M Center, 280-01W-03, St. Paul, MN 55144-1000  
United States  
Phone: 1 800 810 8499

#### Dyneon GmbH

Carl-Schurz-Straße 1, 41453 Neuss, Germany  
Phone: +49 2131 14 2265, Fax: +49 2131 14 3857

### Business Overview

Incorporated in 1929 as Minnesota Mining and Manufacturing Company, 3M Company is an international conglomerate with over 93,000 employs worldwide. The Company is a diversified technology enterprise operating globally in the businesses of Safety and Industrial, Transportation and Electronics, Health Care and Consumer. 3M has its manufacturing operations in 37 countries, and its products and solutions are available in more than 200 countries.

3M's Advanced Materials Division (AdMD), with its subsidiaries Dyneon GmbH and Dyneon B.V. in the fluoropolymer industry sector, stands as a leading global developer, manufacturer and supplier of fluoroelastomers, fluorothermoplastics, polytetrafluoroethylene (PTFE) and polymer processing additives that are offered under the Dyneon™ and Dynamar™ brands. These products find a wide range of applications in the oil & gas, chemical & petrochemical processing, automotive & aerospace and electric/electronics industries. 3M™ Dyneon™ Fluorothermoplastics product portfolio include PFA, FEP, ETFE, THV and PVDF.

3M acquired the Dyneon fluoropolymers business from Hoeschst AG in 1999, and acquired PVDF product line from Solvay Fluoropolymers Inc., a subsidiary of Solvay America Inc. in 2003. Currently, 3M is one of the leading fluoropolymer producers across the globe offering wide range of fluoropolymers consisting of PTFE, PFA, FEP, ETFE, THV and PVDF. 3M's PVDF production plant is located in Decatur, Alabama, USA. 3M's subsidiary Dyneon GmbH in Germany produces PTFE, PFA, FEP, ETFE and THV polymers at its plant located in Gendorf, Burgkirchen. 3M also operates a PTFE compounding facility in the Netherlands.

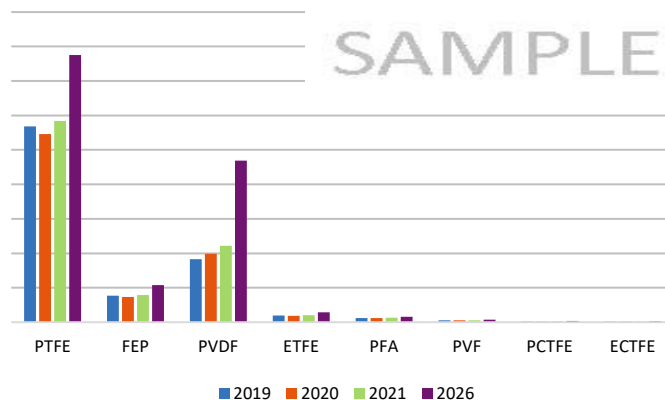
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## SAMPLE TABLE/CHART

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



Asia-Pacific Fluoropolymers Market Analysis (2017-2026) by Fluoropolymer Type - PTFE, FEP, PVDF, ETFE, PFA, PVF, PCTFE and ECTFE in Metric Tons



## KEY PLAYERS PROFILED

- 3M Company
- AGC Inc.
- Arkema Group
- Daikin Industries Ltd
- Dongyue Group Limited
- DuPont De Nemours Inc.
- Gujarat Fluorochemicals Limited
- HaloPolymer OJSC
- Honeywell International Inc.
- Jiangsu Meilan Chemical Co Ltd
- Jinhua Yonghe Fluorochemical Co Ltd
- Kureha Corporation
- Shanghai 3F (Huayi) New Material Co Ltd
- Solvay SA
- The Chemours Company
- Zhejiang Juhua Co Ltd
- Zhonghao Chenguang Research Institute Chemical Industry

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**Industry Experts, Inc.**  
 451 W Bonita Ave, Suite #10  
 San Dimas, CA 91710  
 Greater Los Angeles, United States  
 Phone: +1-320-iXPERTS (497-3787)  
 Email: [info@industry-experts.com](mailto:info@industry-experts.com)

**India Office**  
 1-7-19/C, Street No. 8, Habsiguda  
 Hyderabad – 500007  
 India  
 Phone: +91-40-2715-7746  
 Website: <https://industry-experts.com>