

Global Fluoropolymers Market - Products, Technologies and Applications

Market Report | 2022-06-28 | 490 pages | Industry Experts

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Report description:

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

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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)

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AGC Inc. (Japan)

Arkema Group (France)

Daikin Industries Ltd (Japan)

Dongyue Group Limited (China)

DuPont De Nemours Inc. (United States)

Gujarat Fluorochemicals Limited (India)

HaloPolymer OJSC (Russia)

Honeywell International Inc. (United States)

Jiangsu Meilan Chemical Co Ltd (China)

Jinhua Yonghe Fluorochemical Co Ltd (China)

Kureha Corporation (Japan)

Shanghai 3F (Huayi) New Material Co Ltd (China)

Solvay SA (Belgium)

The Chemours Company (United States)

Zhejiang Juhua Co Ltd (China)

Zhonghao Chenguang Research Institute Chemical Industry (China)

4. KEY BUSINESS & PRODUCT TRENDS

Gujarat Fluorochemicals to Invest in PTFE and PVDF Capacity Expansions

Solvay to Lift Battery Grade PVDF Capacity in Europe

Arkema to Double PVDF Capacity in Changshu, China

Arkema Opens New Center of Excellence Dedicated to Li-ion Batteries

Jiangxi Lee & Man to Construct a New PVDF Plant in Ruichang, China

DuPont to Acquire Rogers Corp

New PVDF Membranes by Arkema and Polymem Gets Award from The American Chemical Society (ACS)

New 10K Ton PVDF Project Announced by Zhejiang Yonghe

DuPont Launches New Tedlar Transparent Protective Film

Arkema Invests in European Battery Start-up Verkor

Kureha to Expand PVDF Production Capacity in China

Daikin Invests in Carbon Nanotubes Manufacturer OCSiAl

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Arkema Launches New Renewable PVDF Grades for Li-ion Batteries
Arkema Plans PVDF Expansion in China
Shanghai Huayi 3F to Build New PVDF Plant in Inner Mongolia, China
Arkema Expands PVDF Capacity at Changshu, China Plant
Honeywell Launches Aclar Edge Bottles and Vials for Oral Liquid and Sterile Injectables
Solvay to Expand PVDF Capacity in China by More Than Two-Fold
New Solef PVDF AM Filament Launched by Solvay
3M Unveils Industry-First 3D Printed PTFE
Arkema to Lift PVDF Capacity at its Changshu plant in China
Southwest Impreglon Adds Solvay's Halar ECTFE Waterborne Coating System
Daikin Plans Fluoropolymers Capacity Expansions in China, Japan and US
New Kynar PVDF Based FluorX Filament Developed by Arkema and 3DXTech
Solvay Introduces New Halar ECTFE Anti-Corrosion Coating System
Scinor Beijing Membrane Technology Choses Solvay's Solef PVDF for its Ultrafiltration Membranes
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AGC Chemicals Europe Ltd. (United Kingdom)

Arkema Group (France)

Chemours Netherlands B.V. (Netherlands)

Dyneon GmbH & Co. KG (Germany)

Halopolymer OJSC (Russia)

Solvay Specialty Polymers France S.A.S. (France)

Solvay Specialty Polymers Italy S.p.A. (Italy)

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AGC Inc. (Japan)

Chemours-Mitsui Fluoroproducts Co., Ltd. (Japan)

Daikin Fluorochemicals (China) Co., Ltd. (China)

Daikin Industries Ltd (Japan)

Dongyue Group Limited (China)

Fujian Sannong New Materials Co., Ltd (China)

Fuxin Hengtong Fluorine Chemicals Co, Ltd (China)

Gujarat Fluorochemicals Limited (India)

Hindustan Fluorocarbons Limited (India)

Jiangsu Lee & Man Chemical Limited (China)

Jiangsu Meilan Chemical Co., Ltd. (China)

Jiangsu Sanmei Chemical Co., Ltd. (China)

Jinhua Yonghe Fluorochemical Co., Ltd. (China)

Kureha (Changshu) Fluoropolymers Co., Ltd. (China)

Kureha Corporation (Japan)

Lichang Technology (Ganzhou) Co., Ltd. (China)

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Longxing Chemical Stock Co., Ltd. (China)
Luxi Group Co., Ltd. (China)
Shandong Deyi New Material Co., Ltd. (China)
SHANDONG HUA FLUOROCHEMICAL CO., LTD. (China)
Shandong Huanan New Material Co., Ltd. (China)
SHANGHAI (HUAYI) 3F NEW MATERIALS CO., LTD. (CHINA)
Shanghai Ofluorine Co., Ltd. (China)
Solvay Specialty Polymers (Changshu) Co., Ltd. (China)
The Chemours (Changshu) Fluoro Technology Company Limited (China)
Zhejiang Fotech International Co., Ltd. (China)
Zhejiang Funuolin Chemical New Material Co., Ltd. (China)
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PART C: GUIDE TO THE INDUSTRY

1. Fluoropolymer Resin Manufacturers
2. Fluoropolymer Processors & Compounders

PART D: ANNEXURE

1. RESEARCH METHODOLOGY
2. FEEDBACK

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