

# Fluoropolymer Materials: Technologies and Global Markets

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## Abstracts

### Report Scope:

The report provides an overview of the global market for fluoropolymer materials and analyzes key market trends. The base year considered for analysis is 2022, while the market estimates and forecasts are given for 2023 to 2028. The market estimates are only provided in terms of revenue (USD million) and volume (kilotons) at the global level, whereas for the remaining segments, only volume estimation is provided.

The market is segmented based on resin type, end-user industry, and region. Within resin type, PTFE, PVDF, FEP, ETFE, other fluoropolymers, and fluoroelastomers are considered. Other fluoropolymers include polyvinyl fluoride (PVF), polychlorotrifluoroethylene (PCTFE), perfluoroalkoxy alkanes (PFA), ethylene-chlorotrifluoroethylene (ECTFE), sulfonated tetrafluoroethylene (PFSA), amorphous fluoropolymers (AF), poly(TFE-CO-HFP-CO-VDF) (THV) and fluoroplastic foam resin (FFR). Within the end-user segmentation, industrial, electrical and electronics, transportation, building and construction, and other markets are considered. Other markets include cookware and bakeware product coatings, medical devices, and fabric protection.

The report study provides a cross-segmentation analysis at the global level of each resin type within end-user and regional segments. This enables the reader to attain a better understanding of the relative penetration of each resin within every end-user as well as regional segment.

The report also analyzes fluoropolymer technology developments, industry structure, and market dynamics. Profiles of the leading fluoropolymer resin companies and

processors describe company products, markets, geographic focus, market shares, and recent corporate developments. The impact of COVID-19 and the Russia-Ukraine war conflict has also been considered while deriving market estimates.

#### Report Includes:

38 data tables and 56 additional tables

An up-to-date overview and industry analysis of the global markets for fluoropolymer materials (all the commercially available grades actively utilized and consumed worldwide)

Analyses of the global market trends, with historical market revenue data (sales figures) for 2022, estimates for 2023, forecasts for 2027, and projections of compound annual growth rates (CAGRs) through 2028

Estimation of the actual market size and growth forecast for fluoropolymers markets both in revenue/value (USD millions) and consumption/volumetric (Kilo tons) terms, and corresponding market share analysis based on resin type, end-use application, and region

In-depth information (facts and figures) concerning the major factors influencing the progress of this market (drivers, restraints, opportunities, and industry-specific challenges) with respect to specific growth trends, upcoming prospects, and contributions to the overall market

Analysis of the market growth opportunities with a holistic review of Porter's five forces analysis and PESTLE analysis considering both micro%li%and macro environmental factors prevailing in the industry

Understanding of ESG perspectives on the worldwide market for fluoropolymers, with emphasis on the impact of ESG factors on performance, ratings and matrices; consumer attitudes; and ESG followed practices

A relevant patent analysis with significant allotments of the patent data featuring fluoropolymers

Identification of the major stakeholders, and analysis of their company competitive landscape based on recent developments, segmental revenues, and

operational integration

Descriptive company profiles of the leading market players, including Arkema, The Chemours Co, Daikin Industries Ltd., Kureha Corp., Saint Gobain, and Solvay

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AGC CHEMICALS AMERICAS INC.

ARKEMA

CHENGUANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY

THE CHEMOURS CO.

DAIKIN INDUSTRIES LTD.

ENSINGER GMBH

FLUOROCARBON CO. LTD.

FLUOROTHERM POLYMERS INC.

FUXIN HENG TONG FLUORINE CHEMICALS CO. LTD.

GUARNIFLON SPA

GUJARAT FLUORO CHEMICALS LTD.

HALOPOLYMER OJSC

HONEYWELL INTERNATIONAL INC.

ISOFLON

JIANGSU MEILAN CHEMICAL CO. LTD.

KUREHA CORP.

MURTFELDT KUNSTSTOFFE GMBH & CO. KG

NEWAGE INDUSTRIES

PARKER HANNIFIN CORP.

SAINT-GOBAIN

SHAMROCK TECHNOLOGIES

SHANDONG DONGYUE POLYMER MATERIAL CO. LTD.

SHANGHAI HUAYI 3F NEW MATERIALS CO. LTD.

SIMONA AG  
SOLVAY  
THERMOSEAL INC.  
WESTLAKE PLASTICS  
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