

Global Fluoropolymers Market – Products, Technologies and Applications

The report reviews, analyzes and projects the global market for Fluoropolymers (PTFE, PVDF, FEP, PVF, ETFE, PFA/MFA, ECTFE and PCTFE) for the period 2012-2022.

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SUMMARY

Fluoropolymers' exceptional properties, such as outstanding chemical resistance, weather stability, low surface energy, low coefficient of friction, and low dielectric constant, have attributed to their widespread usage in sectors such as chemical processing, electrical & electronics, automotive, building & construction and medical among others. Global fluoropolymers demand 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.

The report reviews, analyses and projects the Fluoropolymers market for the period 2012-2022 globally and the regional markets including North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 12 independent countries across North America – The United States, Canada and Mexico; Europe – France, Germany, Italy, Russia and the United Kingdom; and Asia-Pacific – China, Japan, India and South Korea. Global volume consumption of Fluoropolymers, standing at 223.2 thousand metric tons in 2012, is forecast to be 281.6 thousand metric tons in 2016 and is projected to reach 402 thousand metric tons by 2022 at a CAGR of 6.1% between 2016 and 2022. Asia-Pacific is the largest volume market for Fluoropolymers globally, forecast to be 126.6 thousand metric tons (45% share) in 2016 and is also likely to post the fastest 2016-2022 CAGR of 7.4% and reach a projected 194.4 thousand metric tons by 2022.

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, Mechanical/Industrial, Automotive & Transportation, Building & Construction and Others. The global markets for the above mentioned product types and end-use sectors are analyzed in terms of volume in metric tons and value in USD for the aforementioned analysis period. This report also provides the comprehensive market analysis of each fluoropolymer product segment by end-use sector.

The report provides comprehensive data on fluoropolymers production capacities which includes production capacity by manufacturer, by fluoropolymer type, by country and by manufacturer's production plant.

This 588 page global market report on Fluoropolymers includes 408 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 17 key global players and 39 major players across North America – 6; Europe – 7; and Asia-Pacific – 26. The research also provides the listing of the companies engaged in manufacturing and processing of Fluoropolymers. The global list of companies covers the address, contact numbers and the website addresses of 211 companies including subsidiaries.

Global Fluoropolymers Market Analysis (2012-2022) in Volume (Metric Tons)



SAMPLE COMPANY PROFILE

HALOPOLYMER OJSC (RUSSIA)

Leningradskiy Prospect, MonArch Business Center, 31A, Building 1, 15th Floor, 125284, Moscow, Russia
Phone: +7 (495) 725-44-00
www.halopolymer.com

Business Profile

Moscow, Russia-based HaloPolymer OJSC stands among the leading global producers of fluoropolymer products and the sole Russian producer of specialized fluoropolymers (melt processable fluoroplastics and fluoroprenes). The company is also the largest regional producer of freons and a leader in producing inorganic chemicals, such as acids, alkalis and salts. As of 2011, HaloPolymer's production capacity of polytetrafluoroethylene (PTFE) stood at 12,700 tons per annum, with exports of the same accounting for 80% to over 30 countries, including the USA. Apart from PTFE, HaloPolymer produces small amounts of other fluoropolymers such as FEP and PVDF. The company's enterprises include HaloPolymer Perm OJSC, HaloPolymer Kirovo-Chepetsk LLC and HaloPolymer Logistics LLC.

Product Portfolio

HaloPolymer product portfolio includes PTFE, FEP, ETFE, PVDF and fluoroelastomers.

PTFE

- Fluoroplast-4 – easily lumping white powder
- Fluoroplast-4A – free flowing white powder
- Fluoroplast-4D – suspensions, powders and fine powders
- Fluoroplast-4M – modified PTFE powders
- Fluoroplast-4TG - pre-sintered PTFE powder
- PTFE-4D and PTFE-4MD suspensions

Other Fluoropolymers

- Fluoroplast-2M – modified PVDF granules and powders
- Fluoroplast-32L – PVDF copolymer powders
- Fluoroplast-42 – PVDF copolymer granules and powders
- Fluoroplast-4MB – FEP granules and powders
- Fluoroplast-40 – ETFE granules and powders
- Fluoroplast-40M – modified ETFE granules and powders

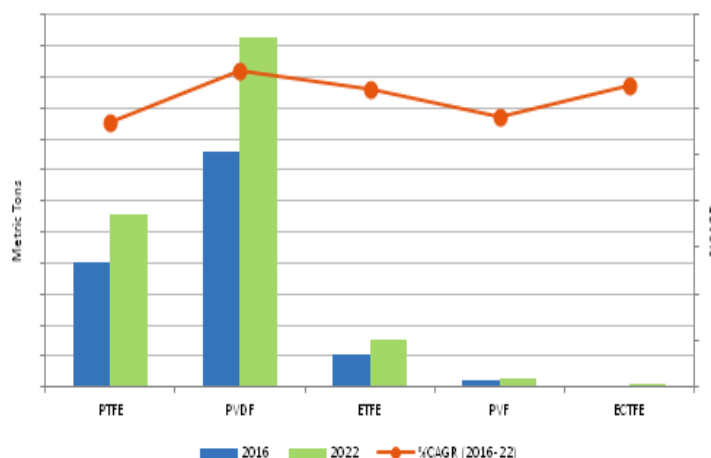
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SAMPLE TABLE/CHART

2017 Global Fluoropolymers Volume Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World



Global Market for Fluoropolymers in Building & Construction Sector (2016 & 2022) by Fluoropolymer Type – PTFE, PVDF, ETFE, PVF and ECTFE in Metric Tons



KEY PLAYERS PROFILED

- 3M Company
- Arkema Group
- Asahi Glass Co Ltd
- Daikin Industries Ltd
- Dongyue Group Limited
- E. I. Du Pont De Nemours and Company
- Gujarat Fluorochemicals Limited
- HaloPolymer OJSC
- Honeywell International Inc.
- Jiangsu Meilan Chemical Co Ltd
- Jinhua Yonghe Fluorochemical Co Ltd
- Kureha Corporation
- Shanghai 3F New Material Co Ltd
- Solvay SA
- The Chemours Company
- Zhejiang Juhua Co Ltd
- Zhonghao Chenguang Research Institute Chemical Industry

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