

Polyvinylidene Fluoride (PVDF) – A Global Market Overview

The report reviews, analyzes and projects the global market for Polyvinylidene Fluoride (PVDF) for the period 2012-2022

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SUMMARY

The remarkable properties and versatility of PVDF resins have made them an indispensable component in a wide array of application areas. For instance, durability and outstanding weather resistance are undeniable assets in the paint and coating sectors, with PVDF resins now garnering place of pride in this area. Similarly, PVDF's chemical resistance, superior mechanical properties, fire and temperature resistance and UV and moisture barrier properties are of immense value to manufacturers in the chemical processing, wires & cable, oil & gas, water filtration, photovoltaics and lithium-ion battery sectors. While PVDF resins have witnessed steady growth in conventional markets, such as coatings, wires & cables, chemical processing and oil & gas, there has also been a simultaneous rise in demand for these resins in newer and potential areas, including photovoltaics, lithium-ion batteries and water filtration.

Global volume consumption of Polyvinylidene Fluoride (PVDF), standing at 35.5 thousand metric tons in 2012, is forecast to be 46.1 thousand metric tons in 2016 and projected to reach 69.2 thousand metric tons by 2022 at a CAGR of 7% between 2016 and 2022. Over the same period, global value demand for PVDF is likely to post a faster CAGR of 7.5% and reach a projected US\$1.4 billion by 2022 from a forecast US\$899.5 million in 2016.

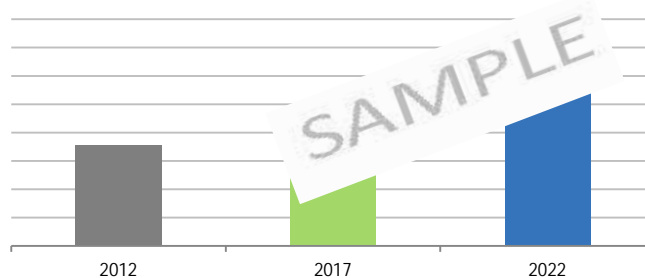
The report reviews, analyses and projects the Polyvinylidene Fluoride (PVDF) market for the period 2012-2022 globally and the regional markets including North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 12 independent countries across North America – The United States, Canada and Mexico; Europe – France, Germany, Italy, Russia and the United Kingdom; and Asia-Pacific – China, Japan, India and South Korea. Asia-Pacific is the largest, as also the fastest growing volume market for PVDF, projected to reach 28.3 thousand metric tons by 2022 from a forecast 16.7 thousand metric tons (36.2% share) in 2016 to reflect a 2016-2022 compounded annual rate of

9.2%. Europe's volume consumption of PVDF is slated to sustain the slowest similar period CAGR of 5.1% and reach a projected 16.4 thousand metric tons by 2022 from a forecast 12.2 thousand metric tons in 2016.

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. The global markets for the above mentioned end-use sectors are analyzed in terms of volume in metric tons and value in USD for the period 2012-2022.

This 228 page global PVDF market report includes 153 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 7 key global players and 19 major players across North America – 3; Europe – 4; and Asia-Pacific – 12. The research also provides the listing of the companies engaged in manufacturing and processing of Polyvinylidene Fluoride resins. The global list of companies covers the address, contact numbers and the website addresses of 106 companies.

Global Polyvinylidene Fluoride (PVDF) Market Analysis (2012-2022) in Volume (Metric Tons)



SAMPLE COMPANY PROFILE

ARKEMA GROUP (FRANCE)

420 rue d'Estienne d'Orves, 92 700 Colombes
France
Phone: 33 (0)1 49 00 80 80
Fax: 33 (0)1 49 00 83 76
Website: www.arkema.com

Business Profile

Arkema Group is a leading global manufacturer and provider of specialty chemicals that operates three business segments, viz., High Performance Materials, Industrial Specialties and Coating Solutions, which offer well known brands. The High Performance Materials unit offers Specialty Adhesives (Bostik), Technical Polymers (Specialty Polyamides and Fluoropolymers) and Performance Additives (Filtration and Adsorption/CECA, Organic Peroxydes and UV Curing Resins/Sartomer), while the Industrial Specialties unit's products include Thiochemicals, Fluorochemicals, PMMA (Altuglas International) and Hydrogen Peroxides. Coating Solutions offered by Arkema include Acrylics, Coating Resins and Additives (Coating Resins, Rheology Additives/Coatex). Technical Polymers include two subdivisions, viz., specialty polyamides used in the automotive, aerospace and aeronautics, oil, electronics and consumer goods (sports and cosmetics) industries, as also in producing hotmelts, and polyvinylidene fluoride (PVDF) used in chemical engineering, manufacturing paints and anti-corrosive coatings, oil and gas extraction, photovoltaic panels, lithium-ion batteries, and membranes for water treatment. The specialty polymers and PVDF offered by this business unit are provided under recognized brands, such as Rilsan®, Rilsamid®, Orgasol®, Pebax® and Kynar®.

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.

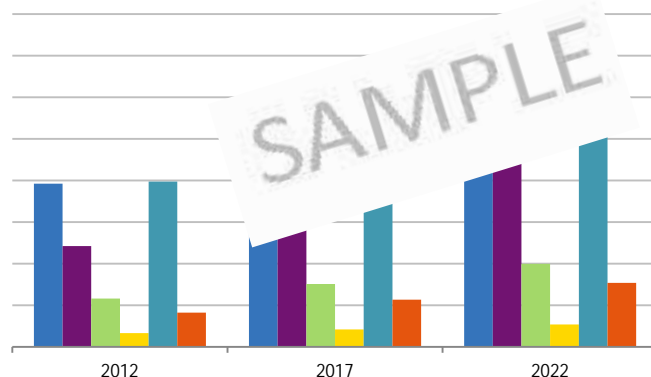
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SAMPLE TABLE/CHART

Glance at 2017 Global Polyvinylidene Fluoride (PVDF) Volume Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World



North American Polyvinylidene Fluoride (PVDF) Market Analysis (2012-2022) by End-use Sector - Chemical Processing, Electrical & Electronics, Industrial, Automotive & Transportation, Building & Construction and Others in Metric Tons



KEY PLAYERS PROFILED

- 3M Company
- Arkema (Changshu) Fluorochemical Co., Ltd.
- Arkema Group
- Dongyue Group Limited
- Guangzhou Lichang Fluorine Plastic Co Ltd
- Halopolymer OJSC
- Jiangsu Meilan Chemical Co Ltd
- Kureha Corporation
- Longxing Chemical Stock Co Ltd
- Shanghai 3F New Material Co Ltd
- Shanghai Of fluorine Chemical Technology Co Ltd
- Solvay SA
- Solvay Specialty Polymers (Changshu) Co., Ltd
- Solvay Specialty Polymers USA, LLC
- Zhejiang Juhua Co Ltd
- Zhejiang Lantian Environmental Protection Fluoro Materials Co., Ltd.

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