

Market Report

Global Fluoropolymer Market

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Abstract

Fluoropolymers are a specialized group of polymeric materials, which are used in a wide range of applications due to unique properties and distinct performance characteristics. The fluoropolymer market presents strong growth driven by the development of new applications and products, advancement of application processes, and new technological developments, as well as strong demands in new markets.

Global demand on fluoropolymers was valued at approximately US\$7.25 billion in 2011 and is expected to grow by 5.8% in the coming years. Petrochemical & chemical processing presents the largest application market, and North America and Western Europe are the largest production and consumption markets of fluoropolymers.

With unique properties, distinct performance characteristics, and many new developments in processes and technologies, fluoropolymers provide a market with opportunities and potential.

Acmite Market Intelligence has finished a most comprehensive report on the global fluoropolymer market. It is ready for order.

The report examines the current products and application areas, provides extensive market data of 2011, and market forecast through 2017 to 2020. It also outlines the competition landscape, evaluates market chances and risks and anticipates future trends based on a series of influence factors.

- Ca. 230 pages analyzing the market
- Ca. 65 figure tables
- Ca. 280 fluoropolymer manufacturers profiled

With a multi-dimensional and in-depth view of the global fluoropolymer market, this report is ideal help for you with decisions about international market penetration, business expansion or project feasibility analysis.

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Volume II

Company profiles (ca. 280).....1-330

Note:

EUR 1 = US\$1.4

Regions:

North America: US, Canada, Mexico (NAFTA region)

Asia Pacific: Countries of Asia, Australia, New Zealand

Asia Pacific*: Asia Pacific excluding Japan

4.1 PTFE

4.1.1 Product, properties, uses and processing technology

Products

Polytetrafluoroethylene (PTFE) is formed by The polymerization of tetrafluoroethylene (TFE). It is a fully fluorinated polymer available in various unmodified and modified grades. It is a fluorocarbon solid, as it is a high-molecular-weight compound consisting wholly of carbon and fluorine.

PTFE is sold in a granular or powder form, and then is either melted down and extruded or compression-molded into components or is combined with water or other solvent and sprayed on to a substrate, such as metal or fabric.

PTFE can be generally categorized into

- granular PTFE
- fine powder PTFE
- PTFE aqueous dispersions
- PTFE micropowder
- Modified PTFE

Granular PTFE resins are produced by polymerizing tetrafluoroethylene alone or with a trace of comonomers with initiator and sometimes in the presence of an alkaline buffer in aqueous suspension medium.

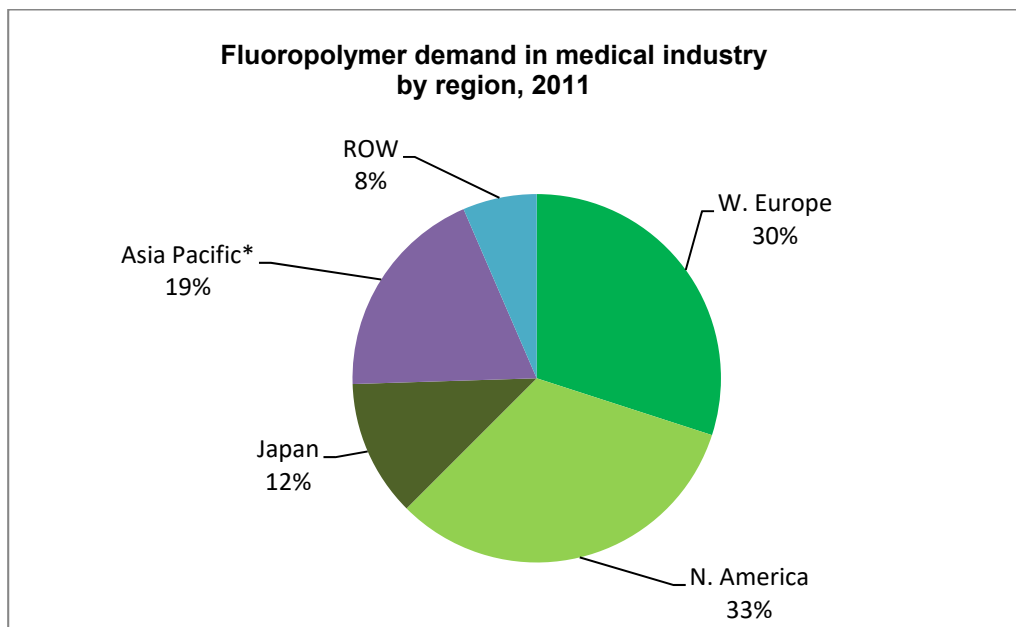
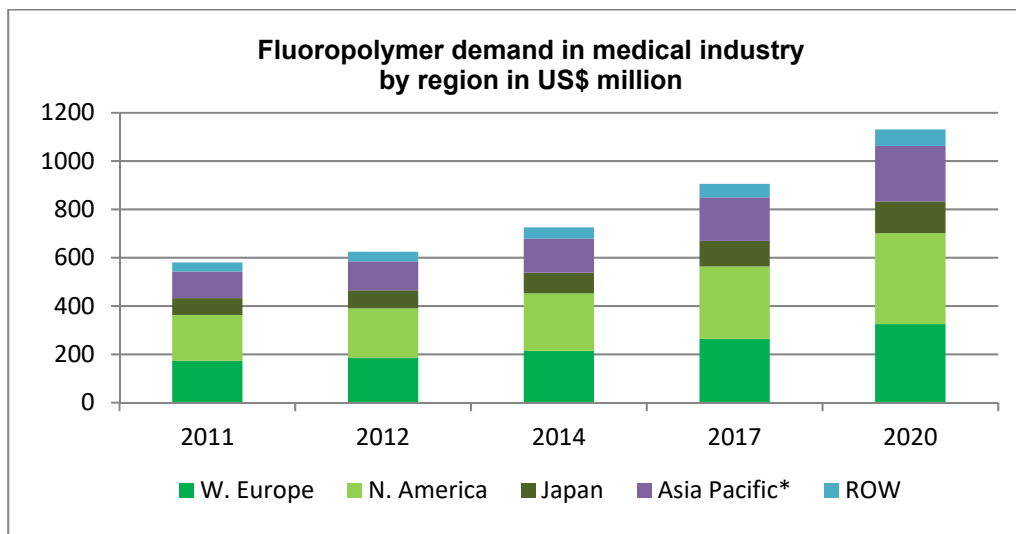
Fine powder PTFE is produced by polymerization of TFE in an aqueous medium in the presence of an initiator and surfactant.

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5.6.2.3 Fluoropolymer demand in medical industry by region in US\$ million

	2011	2012	2014	2017	2020	CAGR
W. Europe	174	187	214	264	325	7.2%
N. America	189	204	238	299	377	8.0%
Japan	70	75	86	106	131	7.3%
Asia Pacific*	110	120	141	180	230	8.5%
ROW	38	40	46	56	68	6.8%
Total	580	625	725	906	1,130	7.7%



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Dongyue Group Ltd. (China)

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<http://www.dongyuechem.com>

Year of Foundation: 1987

Number of Employees: 5,495

Revenue 2011: USD 1,613.5 million

Company profile

Dongyue Group Ltd. is a leading fluorinated material company in China. The company specializes in the manufacture, distribution, and sale of refrigerants, fluoropolymers, organic silicone, and other products.

The company's product portfolio includes

- Refrigerant Series Products
- Fluoride fine chemical products
- Silicone Series
- Chloride Methy Chlorine&Alkali products
- Fluoride Salts & Acids

The main shareholders of Dongyue Group include International Finance Corporation (IFC), Baring Private Equity Asia III holding (9A) Ltd. and Macrolink Group.

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C0571	Global Fluoropolymer Market, Volume I	229	<input type="checkbox"/> EUR 1490	<input type="checkbox"/> EUR 1690	<input type="checkbox"/> EUR 2390
C0572	Global Fluoropolymer Market, Volume II	330	<input type="checkbox"/> EUR 790	<input type="checkbox"/> EUR 990	<input type="checkbox"/> EUR 1290
C0570	Global Fluoropolymer Market, Total (Volume I + II)	559	<input type="checkbox"/> EUR 1990	<input type="checkbox"/> EUR 2390	<input type="checkbox"/> EUR 3390
Sum			<input type="checkbox"/> EUR _____	<input type="checkbox"/> EUR _____	<input type="checkbox"/> EUR _____

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