

# **PVDF Resin Market by Type of Crystalline Phase (Alpha, Beta, Gamma and Delta) and End-user Industry (Chemical Processing, Electrical & Electronics, Construction, New Energies, Oil & Gas, Pharmaceuticals & Biomedical and Others) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022**

<https://marketpublishers.com/r/P1F402D3FBEEN.html>

Date: October 2016

Pages: 143

Price: US\$ 4,999.00 (Single User License)

ID: P1F402D3FBEEN

## **Abstracts**

Polyvinylidene fluoride (PVDF), also known as polyvinylidene difluoride, is an engineering plastic that belongs to the family of semi-crystalline fluoropolymers. It is a highly non-reactive fluoropolymer produced by the polymerization of vinylidene difluoride (VDF). PVDF is employed in applications involving high resistance, strength, and purity to acids, bases, solvents, and heat. It is also used as an important ingredient in high-end coatings for metal roofing in both, residential and commercial applications. PVDF membranes are widely used for immobilizing proteins owing to their affinity towards amino acids. Moreover, PVDF finds extensive use as sheets, films, tubes, and coatings in various end-user industries such as chemical processing, oil & gas, construction, and electrical & electronics.

Global PVDF market is expected to grow at a CAGR of 7.5% from 2016 to 2022, and reach \$1,490 million by 2022 from \$901 million in 2015. The world demand for PVDF resin has witnessed a noticeable growth over the past few years and the trend is expected to continue over the forecast period, owing to increase in demand in numerous applications and government support for R&D to find new commercial avenues. Rise in demand for lithium-ion batteries, photovoltaic films, and coatings is anticipated influence the market growth. PVDF has high demand in Europe, U.S., and other emerging economies such as China, India, and others. However, the increase in use of substitutes is expected to hamper the market growth.

The report segments the world PVDF resin market on the basis of end-user industry, type of crystalline phase, and geography. On the basis of end-user industry, it is divided into chemical processing, electrical & electronics, construction, automotive & transportation, new energies, oil & gas, pharmaceuticals & biomedical, and others. Based on type of crystalline phase, the market is segmented into alpha-, beta-, gamma- and delta-phase. The demand for beta-phase PVDF resin is expected to grow at the fastest rate over the forecast period owing to the superior piezoelectric properties. Geographically, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America is expected to be the largest region, both in terms of value and volume, followed by Asia-Pacific and Europe over the forecast period.

Major players in the world PVDF resin market focus on expanding their geographical presence and broaden their product portfolio by means of significant investments, mergers and collaborations in emerging economies. For instance, major companies such as Arkema S.A. have made significant investments for the expansion of PVDF polymer capacity in emerging economies such as China to meet the rapidly growing demand for PVDF resins. The company is also focused on expanding its portfolio of PVDF resin material in Brazil with the expansion of their coatings production capacity. This strategic investment would help the company offer diversified, more domestically produced additives, and waterborne emulsions, which are substantially taxed as imports in Brazil.

Comprehensive competitive analysis and profiles of major market players in the report are:

Arkema S.A.

Daikin Industries, Ltd.

Dyneon GmbH & Co. KG

Kureha Corporation

Solvay S.A.

Shanghai 3F New Material Co., Ltd.

Shanghai Ofluorine Chemical Technology Co., Ltd.

Zhejiang Fotech International Co., Ltd.

Zhuzhou Hongda Polymer Materials Co., Ltd.

RTP Company, Inc.

#### KEY MARKET BENEFITS:

The study provides an in-depth quantitative analysis of the world PVDF resin market with current trends and future estimations to elucidate the imminent investment pockets.

The report provides the quantitative analysis of the current market and estimations through 2014–2022 to identify the prevailing market opportunities to capitalize on.

Extensive analysis of application forecasts the various types of PVDF resin that can be used in different end-user applications.

Competitive analysis highlights the business practices followed by leading players across various regions.

An in-depth analysis of current research and clinical developments that affect the market behavior.

Comprehensive analysis of all geographic regions are provided that determines the prevailing opportunities there.

Analysis of key market players and their strategies are discussed to identify the competitive outlook.

#### KEY MARKET SEGMENT:

The world PVDF resin market is segmented based on type of crystalline phase, end-user industry, and geography.

By Type of Crystalline Phase

Alpha

Beta

Gamma

Delta

### By End-user Industry

Chemical Processing

Electrical & Electronics

Construction

New Energies

Oil & Gas

Pharmaceuticals & Biomedical

Others

### By Geography

North AmericaU.S.

Canada

Mexic

Europe

Germany

UK

France

Italy

Spain

Rest of EuropeAsia-Pacific

Japan

China

India

South Korea

ASEAN

Rest of Asia-Pacific

LAMEA

Brazil

Argentina

South Africa

Rest of LAMEA

Other players in the value chain include

Quadrant Engineering Plastics Products Inc.

Norton Performance Plastics

Elf Atochem

Ausimont

Rhodia Solvay Group

SABIC

Profiles of these players are not included in the report, can be added based on client interest

## Contents

### CHAPTER 1 INTRODUCTION

- 1.1 Report description
- 1.2 Key Market Benefits
- 1.3 Key Market Segments
- 1.4 Research methodology

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 CXO perspective

### CHAPTER 3 MARKET OVERVIEW

- 3.1 Market definition and scope
- 3.2 Key findings
  - 3.2.1 Top Investment Pockets
  - 3.2.2 Top winning strategy
- 3.3 Value chain analysis
- 3.4 Porters five forces analysis
  - 3.4.1 Bargaining power of the supplier
  - 3.4.2 Bargaining power of the buyer
  - 3.4.3 Threat of substitute
  - 3.4.4 Competitive rivalry
  - 3.4.5 Threat of new entrants
- 3.5 Market Dynamics
  - 3.5.1 Drivers
    - 3.5.1.1 Rising Demand for PVDF Resin In Various End-user Industries
    - 3.5.1.2 Collaborations & strategic alliances
    - 3.5.1.3 High Performance Properties Coupled with Rising Acceptance of PVDF Resin to Fuel MaRket Growth
  - 3.5.2 Restraints
    - 3.5.2.1 High threat of Substitutes to hinder market growth
    - 3.5.2.2 environmental & health concerns coupled with volatile prices acts as a challenge for the market
  - 3.5.3 Opportunity
    - 3.5.3.1 Significant opportunities in end-user industries
    - 3.5.3.2 Significant Investments In Research & Development to Provide New

## Opportunities

### 3.6 Typical Properties of PVDF Resin

### 3.7 Emerging Trends in PVDF Resin Market

## **CHAPTER 4 WORLD PVDF RESIN MARKET, BY TYPE OF CRYSTALLINE PHASE**

### 4.1 Introduction

#### 4.1.1 Market size and forecast

### 4.2 Alpha-phase

#### 4.2.1 Market Size and Forecast

### 4.3 Beta-phase

#### 4.3.1 Market Size and Forecast

### 4.4 Gamma-phase

#### 4.4.1 Market Size and Forecast

### 4.5 Delta-phase

#### 4.5.1 Market Size and Forecast

## **CHAPTER 5 WORLD PVDF RESIN MARKET, BY END-USER INDUSTRY**

### 5.1 Introduction

#### 5.1.1 Market Size And Forecast

### 5.2 Chemical processing

#### 5.2.1 Key Market Trends

#### 5.2.2 Key Growth Factors And Opportunities

#### 5.2.3 Market Size And Forecast

### 5.3 Electricals & Electronics

#### 5.3.1 Key Market Trends

#### 5.3.2 Key Growth Factors And Opportunities

#### 5.3.3 Market Size And Forecast

### 5.4 Construction

#### 5.4.1 Key Market Trends

#### 5.4.2 Key Growth Factors And Opportunities

#### 5.4.3 Market Size And Forecast

### 5.5 Pharmaceuticals & Biomedical

#### 5.5.1 Key Market Trends

#### 5.5.2 Key Growth Factors And Opportunities

#### 5.5.3 Market Size And Forecast

### 5.6 Oil & gas

#### 5.6.1 Key Market Trends



- 5.6.2 Key Growth Factors And Opportunities
- 5.6.3 Market Size And Forecast
- 5.7 New Energies
  - 5.7.1 Key Market Trends
  - 5.7.2 Key Growth Factors And Opportunities
  - 5.7.3 Market Size And Forecast
- 5.8 Others
  - 5.8.1 Key Market Trends
  - 5.8.2 Key Growth Factors And Opportunities
  - 5.8.3 Market Size And Forecast

## **CHAPTER 6 WORLD PVDF RESIN MARKET, BY GEOGRAPHY**

- 6.1 Introduction
  - 6.1.1 Market Size And Forecast
- 6.2 North America
  - 6.2.1 Key Market Trends
  - 6.2.2 Key Growth Factors And Opportunities
  - 6.2.3 Market Size And Forecast
  - 6.2.4 U.S.
  - 6.2.5 Canada
  - 6.2.6 Mexico
- 6.3 Europe
  - 6.3.1 Key Market Trends
  - 6.3.2 Key Growth Factors And Opportunities
  - 6.3.3 Market Size And Forecast
  - 6.3.4 UK
  - 6.3.5 Germany
  - 6.3.6 France
  - 6.3.7 Spain
  - 6.3.8 Italy
  - 6.3.9 Rest of Europe
- 6.1 Asia-Pacific
  - 6.1.1 Key market trends
  - 6.1.2 Key Growth Factors And Opportunities
  - 6.1.3 Market Size And Forecast
  - 6.1.4 India
  - 6.1.5 Japan
  - 6.1.6 Korea

- 6.1.7 ASEAN
- 6.1.8 Rest of Asia-Pacific
- 6.2 LAMEA
  - 6.2.1 Key market trends
  - 6.2.2 Key Growth Factors And Opportunities
  - 6.2.3 Market Size And Forecast
  - 6.2.4 Brazil
  - 6.2.5 South Africa
  - 6.2.6 Argentina
  - 6.2.7 Rest of LAMEA

## **CHAPTER 7 COMPANY PROFILE**

- 7.1 Arkema S.A.
  - 7.1.1 Company Overview
  - 7.1.2 Company Snapshot
  - 7.1.3 Operating Business Segments
  - 7.1.4 Business Performance
  - 7.1.5 Key Strategic Moves & Developments
- 7.2 Daikin Industries, Ltd.
  - 7.2.1 Company Overview
  - 7.2.2 Company Snapshot
  - 7.2.3 Operating Business Segments
  - 7.2.4 Business Performance
  - 7.2.5 Key Strategic Moves & Developments
- 7.3 Dyneon GmbH & Co. KG
  - 7.3.1 Company Overview
  - 7.3.2 Company Snapshot
  - 7.3.3 Operating Business Segments
  - 7.3.4 Key Strategic Moves & Developments
- 7.4 Kureha Corporation
  - 7.4.1 Company Overview
  - 7.4.2 Company Snapshot
  - 7.4.3 Operating Business Segments
  - 7.4.5 Key Strategic Moves & Developments
- 7.5 Solvay S.A.
  - 7.5.1 Company Overview
  - 7.5.2 Company Snapshot
  - 7.5.3 Operating Business Segments

- 7.5.4 Business Performance
- 7.5.5 Key Strategic Moves & Developments
- 7.6 Shanghai 3F New Materials Co., Ltd.
  - 7.6.1 Company Overview
  - 7.6.2 Company Snapshot
  - 7.6.3 Key Strategic Moves & Developments
- 7.7 Shanghai Ofluorine Chemical Technology Co., Ltd.
  - 7.7.1 Company Overview
  - 7.7.2 Company Snapshot
- 7.8 Zhejiang Fotech International Co., Ltd.
  - 7.8.1 Company Overview
  - 7.8.2 Company Snapshot
  - 7.8.3 Operating Business Segments
- 7.9 Zhuzhou Hongda Polymer Materials Co., Ltd.
  - 7.9.1 Company Overview
  - 7.9.2 Company Snapshot
- 7.10 RTP Company, Inc.
  - 7.10.1 Company Overview
  - 7.10.2 Company Snapshot

Other players in the value chain include

Quadrant Engineering Plastics Products Inc.

Norton Performance Plastics

Elf Atochem

Ausimont

Rhodia Solvay Group

SABIC

Profiles of these players are not included in the report, can be added based on client interest

## List Of Tables

### LIST OF TABLES

TABLE 1. KEY PHYSICAL PROPERTIES OF PVDF HOMOPOLYMER

TABLE 2. WORLD PVDF RESIN MARKET, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (\$MILLION)

TABLE 3. WORLD PVDF RESIN MARKET, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (TONS)

TABLE 4. WORLD PVDF RESIN MARKET, BY ALPHA-PHASE SEGMENT, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 5. WORLD PVDF RESIN MARKET, BY ALPHA PHASE SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 6. WORLD PVDF RESIN MARKET, BY BETA PHASE SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 7. WORLD PVDF RESIN MARKET, BY BETA PHASE SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 8. WORLD PVDF RESIN MARKET, BY GAMMA PHASE SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 9. WORLD PVDF RESIN MARKET, BY GAMMA PHASE SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 10. WORLD PVDF RESIN MARKET, BY DELTA PHASE SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 11. WORLD PVDF RESIN MARKET, BY DELTA PHASE SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 12. WORLD PVDF RESIN MARKET BY REVENUE, BY END USER INDUSTRY, 2014-2022 (\$MILLION)

TABLE 13. WORLD PVDF RESIN MARKET BY VOLUME, BY END-USER INDUSTRY, 2014-2022 (TONS)

TABLE 14. WORLD PVDF RESIN IN CHEMICAL PROCESSING SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 15. WORLD PVDF RESIN IN CHEMICAL PROCESSING MARKET, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 16. WORLD PVDF RESIN IN ELECTRICAL & ELECTRONICS SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLIONS)

TABLE 17. WORLD PVDF RESIN IN ELECTRICAL & ELECTRONICS SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 18. WORLD PVDF RESIN IN CONSTRUCTION SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLIONS)

TABLE 19. WORLD PVDF RESIN IN CONSTRUCTION SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 20. WORLD PVDF RESIN IN PHARMACEUTICALS & BIOMEDICAL SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 21. WORLD PVDF RESIN IN PHARMACEUTICALS & BIOMEDICAL SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 22. WORLD PVDF RESIN IN OIL & GAS SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 23. WORLD PVDF RESIN IN OIL & GAS SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 24. WORLD PVDF RESIN IN NEW ENERGIES SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 25. WORLD PVDF RESIN IN NEW ENERGIES SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 26. WORLD PVDF RESIN IN OTHERS SEGMENT, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 27. WORLD PVDF RESIN IN OTHERS SEGMENT, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 28. WORLD PVDF RESIN MARKET, BY REVENUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 29. WORLD PVDF RESIN MARKET, BY VOLUME, BY GEOGRAPHY, 2014-2022 (TONS)

TABLE 30. NORTH AMERICA PVDF RESIN MARKET, BY VOLUME, BY END-USER INDUSTRY, 2014-2022 (TONS)

TABLE 31. NORTH AMERICA PVDF RESIN MARKET, BY REVENUE, BY END-USER INDUSTRY, 2014-2022 (\$MILLIONS)

TABLE 32. NORTH AMERICA PVDF RESIN MARKET, BY VOLUME, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (TONS)

TABLE 33. NORTH AMERICA PVDF RESIN MARKET, BY REVENUE, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (\$MILLIONS)

TABLE 34. NORTH AMERICA PVDF RESIN MARKET, BY REVENUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 35. NORTH AMERICA PVDF RESIN MARKET, BY VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 36. EUROPE PVDF RESIN MARKET, BY REVENUE, BY END USER INDUSTRY, 2014-2022 (TONS)

TABLE 37. EUROPE PVDF RESIN MARKET, BY REVENUE, BY END-USER INDUSTRY, 2014-2022 (\$MILLION)

TABLE 38. EUROPE PVDF RESIN MARKET, BY VOLUME, BY TYPE OF

CRYSTALLINE PHASE, 2014-2022 (TONS)

TABLE 39. EUROPE PVDF RESIN MARKET, BY REVENUE, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (\$MILLION)

TABLE 40. EUROPE PVDF RESIN MARKET, BY VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 41. EUROPE PVDF RESIN MARKET, BY REVENUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 42. ASIA-PACIFIC PVDF RESIN MARKET, BY REVENUE, BY END-USER INDUSTRY, 2014-2022 (\$MILLION)

TABLE 43. ASIA-PACIFIC PVDF RESIN MARKET, BY VOLUME, BY END-USER INDUSTRY, 2014-2022 (TONS)

TABLE 44. ASIA-PACIFIC PVDF RESIN MARKET, BY VOLUME, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (TONS)

TABLE 45. ASIA-PACIFIC PVDF RESIN MARKET, BY REVENUE, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (\$MILLION)

TABLE 46. ASIA-PACIFIC PVDF RESIN MARKET, BY REVENUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 47. ASIA-PACIFIC PVDF RESIN MARKET, BY VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 48. LAMEA PVDF RESIN MARKET, BY VOLUME, BY END-USER INDUSTRY, 2014-2022 (TONS)

TABLE 49. LAMEA PVDF RESIN MARKET, BY REVENUE, BY END-USER INDUSTRY, 2014-2022 (\$MILLION)

TABLE 50. LAMEA PVDF RESIN MARKET, BY REVENUE, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (\$MILLION)

TABLE 51. LAMEA PVDF RESIN MARKET, BY VOLUME, BY TYPE OF CRYSTALLINE PHASE, 2014-2022 (TONS)

TABLE 52. LAMEA PVDF RESIN MARKET, BY REVENUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 53. LAMEA PVDF RESIN MARKET, BY VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 54. ARKEMA S.A.: COMPANY SNAPSHOT

TABLE 55. ARKEMA S.A.: OPERATING SEGMENTS

TABLE 56. DAIKIN INDUSTRIES, LTD.: COMPANY SNAPSHOT

TABLE 57. DAIKIN INDUSTRIES, LTD.: OPERATING SEGMENTS

TABLE 58. DYNEON GMBH & CO. KG: COMPANY SNAPSHOT

TABLE 59. DYNEON GMBH & CO. KG: OPERATING SEGMENTS

TABLE 60. KUREHA CORPORATION: COMPANY SNAPSHOT

TABLE 61. KUREHA CORPORATION: OPERATING SEGMENTS

TABLE 62. SOLVAY SOLEXIS INC.: COMPANY SNAPSHOT

TABLE 63. SOLVAY S.A.: OPERATING SEGMENTS

TABLE 64. SHANGHAI 3F NEW MATERIAL CO., LTD.: COMPANY SNAPSHOT

TABLE 65. SHANGHAI OFLUORINE CHEMICAL TECHNOLOGY CO., LTD.:  
COMPANY SNAPSHOT

TABLE 66. ZHEJIANG FOTECH INTERNATIONAL CO., LTD.: COMPANY SNAPSHOT

TABLE 67. ZHEJIANG FOTECH INTERNATIONAL CO., LTD.: OPERATING  
SEGMENTS

TABLE 68. ZHUZHOU HONGDA POLYMER MATERIALS CO., LTD.: COMPANY  
SNAPSHOT

TABLE 69. RTP COMPANY, INC.: COMPANY SNAPSHOT

## List Of Figures

### LIST OF FIGURES

- FIGURE 1. WORLD PVDF RESIN MARKET SIZE, 2014-2022 (\$MILLION)
- FIGURE 2. WORLD PVDF RESIN MARKET, REVENUE SHARE, BY TYPE OF CRYSTALLINE PHASE, 2015 (%)
- FIGURE 3. WORLD PVDF RESIN MARKET, REVENUE SHARE, BY END-USER INDUSTRY, 2015 (%)
- FIGURE 4. WORLD PVDF RESIN MARKET, REVENUE SHARE, BY GEOGRAPHY, 2015 (%)
- FIGURE 5. TOP INVESTMENT POCKETS, BY GEOGRAPHY
- FIGURE 6. TOP INVESTMENT POCKETS, BY END USER INDUSTRY
- FIGURE 7. TOP WINNING STRATEGIES, 2010-2016 (%)
- FIGURE 8. WINNING STRATEGIES, BY KEY COMPANY, 2010-2016
- FIGURE 9. WORLD PVDF RESIN MARKET, VALUE CHAIN ANALYSIS
- FIGURE 10. PORTER'S FIVE FORCES ANALYSIS
- FIGURE 11. TOP IMPACTING FACTORS: WORLD PVDF RESIN MARKET, 2015 VS. 2022
- FIGURE 12. WORLD PVDF RESIN MARKET, MAJOR DRIVING FACTORS
- FIGURE 13. WORLD PVDF RESIN MARKET, RESTRAINTS
- FIGURE 14. GLOBAL AIRCRAFT DELIVERIES: 2012-2016
- FIGURE 15. GLOBAL ELECTRONICS MARKET, BY REGION, 2012 & 2015 (\$BILLION)
- FIGURE 16. GLOBAL AUTOMOTIVE SALES, 2005-2015 (MILLION UNITS)
- FIGURE 17. EMERGING TRENDS IN PVDF RESIN MARKET
- FIGURE 18. U.S. PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 19. CANADA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 20. MEXICO PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 21. UK PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 22. GERMANY PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 23. FRANCE PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 24. SPAIN PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 25. ITALY PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 26. REST OF EUROPE PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 27. INDIA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 28. JAPAN PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 29. KOREA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)
- FIGURE 30. ASEAN PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)



FIGURE 31. REST OF ASIA-PACIFIC PVDF RESIN MARKET, 2014-2022  
(\$MILLION/TONS)

FIGURE 32. BRAZIL PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)

FIGURE 33. SOUTH AFRICA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)

FIGURE 34. ARGENTINA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)

FIGURE 35. REST OF LAMEA PVDF RESIN MARKET, 2014-2022 (\$MILLION/TONS)

FIGURE 36. ARKEMA S.A.: REVENUE (\$MILLION), 2014-2015

FIGURE 37. ARKEMA S.A.: REVENUE, BY BUSINESS SEGMENT (%), 2015

FIGURE 38. ARKEMA S.A.: REVENUE BY REGION (%), 2015

FIGURE 39. DAIKIN INDUSTRIES, LTD.: REVENUE (\$MILLION), 2014-2015

FIGURE 40. DAIKIN INDUSTRIES, LTD.: REVENUE, BY BUSINESS SEGMENT (%),  
2015

FIGURE 41. DAIKIN INDUSTRIES, LTD.: REVENUE BY REGION (%), 2015

FIGURE 42. KUREHA CORPORATION: REVENUE (\$MILLION), 2014-2015

FIGURE 43. KUREHA CORPORATION: REVENUE, BY BUSINESS SEGMENT (%),  
2015

FIGURE 44. KUREHA CORPORATION: REVENUE, BY REGION (%), 2015

FIGURE 45. SOLVAY S.A.: REVENUE (\$MILLION), 2014-2015

FIGURE 46. SOLVAY S.A.: REVENUE, BY BUSINESS SEGMENT (%), 2015

FIGURE 47. SOLVAY S.A.: REVENUE, BY REGION (%), 2015

## I would like to order

Product name: PVDF Resin Market by Type of Crystalline Phase (Alpha, Beta, Gamma and Delta) and End-user Industry (Chemical Processing, Electrical & Electronics, Construction, New Energies, Oil & Gas, Pharmaceuticals & Biomedical and Others) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022

Product link: <https://marketpublishers.com/r/P1F402D3FBEEN.html>

Price: US\$ 4,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P1F402D3FBEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970