Polyacrylamide Market by Type (Anionic, Cationic, Non-Ionic), Application (Water Treatment, Pulp & Paper, Enhanced Oil Recovery, Mineral Processing), Region - Global Forecast to 2021

Description: The polyacrylamide market is estimated to reach USD 3.85 billion by 2021, at a CAGR of 6.8% from 2016 to 2021.

In recent years, the Enhance Oil Recovery (EOR) technology is being rapidly adopted by many countries, due to the shortage of current oil resources and difficulties in finding new oil fields that has resulted in energy crises. In the EOR technology, surfactant polymers are injected into a reservoir to reduce interfacial tension between oil and water that helps wipe out trapped oil from the reservoir rock.

This consequently leads to increased oil production. Thus, the growing demand for enhanced oil recovery is expected to fuel the growth of the polyacrylamide market, as polyacrylamide is the most commonly used polymer in this application. However, the requirement of high capital expenditure for establishing polyacrylamide production plant creates high entry barriers for the small players, which may restrain the growth of the market.

“Anionic polyacrylamide: largest segment of the polyacrylamide market, based on type”

Anionic polyacrylamide is used in various industries, including wastewater treatment, mineral processing, metallurgy, and electronic industries. It is also used to enhance the oil recovery process and as paper additive and textile pulp agent. The addition of anionic polyacrylamide to irrigation water reduces the erosion of soils to a great extent.

Anionic polyacrylamide is extensively used in the wastewater treatment industry as a flocculating agent. It increases the aggregation of small particles, owing to its high molecular weight and good solubility. The growing demand for anionic polyacrylamide in water recycling and water clarification are some of the factors expected to drive the growth of this segment.

“Rising demand for enhanced oil recovery in emerging markets in Asia-Pacific is one of the major factors expected to drive the polyacrylamide market”

Asia-Pacific was the largest market for polyacrylamide in 2015. Increasing demand for polyacrylamide in China and India is expected to drive the growth of the polyacrylamide market in Asia-Pacific.

In the process of determining and verifying the market size of several segments and subsegments gathered through secondary research, extensive primary interviews were conducted.

The breakdown of primary interviews is given below:

By Company Type - Tier 1 - 20%, Tier 2 - 32%, and Others - 48%
By Designation - C level - 18%, Director level - 27%, and Others - 55%
By Region - Asia-Pacific - 49%, North America-30%, Europe - 10%, Middle East & Africa-11%, South America - 10%

Key companies profiled in this market research report are BASF SE (Germany), Kemira OYJ (Finland), SNF Floerger Group (France), Anhui Jucheng Fine Chemicals Co., Ltd (China), and Daqing Petrochemical Company (China).

Research Coverage:

The report provides detailed description of the application of polyacrylamide across various industries. The competitive environment prevailing in the industry is analyzed through Porter's Five Forces analytical framework. Porter's Five Forces Analysis provides an in-depth understanding of the market attractiveness and the impact of various forces on the global polyacrylamide market.
Moreover, the report includes an in-depth analysis of competitive landscape, value chain. The key factors, such as drivers, restraints, opportunities and challenges were identified and their impact on global polyacrylamide market was analyzed in the study.

The report will help leaders/new entrants in the market in the following ways:

- The report segments the polyacrylamide market comprehensively and provides the closest approximations of the revenue for the overall market and the subsegments across different verticals and regions
- The report helps stakeholders to understand the pulse of the market and provides information on key market drivers, restraints, opportunities, and challenges
- The report helps stakeholders to understand their competitors better and gain additional insights of the business
- The competitive landscape section includes agreement, expansions, joint ventures, and innovations undertaken by market players
- The report comprehensively analyses the production capacity and utilization rate of leading manufacturers, globally

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Scope of the Market
  1.3.1 Markets Covered
  1.3.2 Years Considered for the Study
  1.4 Currency
  1.5 Package Size
  1.6 Limitation
  1.7 Stakeholders

2 Research Methodology
  2.1 Research Data
  2.1.1 Secondary Data
  2.1.1.1 Key Data from Secondary Sources
  2.1.2 Primary Data
  2.1.2.1 Key Industry Insights
  2.1.2.2 Breakdown of Primary Interviews
  2.2 Market Size Estimation
  2.2.1 Bottom-Up Approach
  2.2.2 Top-Down Approach
  2.3 Data Triangulation
  2.4 Research Assumption

3 Executive Summary

4 Premium Insights
  4.1 Significant Opportunities in the Polyacrylamide Market
  4.3 Polyacrylamide Market Attractiveness
  4.4 Polyacrylamide Market Share, by Type

5 Market Overview
  5.1 Introduction
  5.2 Market Segmentation
  5.2.1 by Type
  5.2.2 by Application
  5.2.3 by Region
  5.3 Market Dynamics
  5.3.1 Drivers
  5.3.1.1 Growing Demand for Enhanced Oil Recovery
  5.3.1.2 Rising Awareness of Wastewater Management
  5.3.1.3 Growing Population And Rapid Urbanization in the Asian Countries
  5.3.2 Restraints
5.3.2.1 Volatility of Raw Material Price
5.3.2.2 Alternative Water Treatment Technologies
5.3.3 Opportunities
5.3.3.1 Development of Bio-Based Polyacrylamide At Competitive Prices
5.3.3.2 New Environmental And Governmental Regulations
5.3.4 Challenges
5.3.4.1 Residual Monomer Content in Polyacrylamide
5.3.4.2 Anti-Dumping Duties On Chinese Manufacturers

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter’S Five Forces Analysis
6.3.1 Threat of New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Competitive Rivalry

7 Polyacrylamide Market, by Application
7.1 Introduction
7.1.1 Water Treatment
7.1.2 Enhanced Oil Recovery
7.1.3 Pulp & Paper Production
7.1.4 Mineral Processing
7.1.5 Others

8 Polyacrylamide Market, by Type
8.1 Introduction
8.1.1 Anionic Polyacrylamide
8.1.2 Cationic Polyacrylamide
8.1.3 Non-Ionic Polyacrylamide
8.1.4 Others

9 Polyacrylamide Market, by Region
9.1 Introduction
9.2 North America
9.2.1 U.S.
9.2.2 Canada
9.2.3 Mexico
9.3 Europe
9.3.1 Germany
9.3.2 U.K.
9.3.3 France
9.3.4 Italy
9.3.5 Spain
9.3.6 Russia
9.3.7 Rest of Europe
9.4 Asia-Pacific
9.4.1 China
9.4.2 Japan
9.4.3 South Korea
9.4.4 India
9.4.5 Rest of Asia-Pacific
9.5 Middle East & Africa
9.5.1 Saudi Arabia
9.5.2 United Arab Emirates
9.5.3 South Africa
9.5.4 Rest of Middle East & Africa
9.6 South America
9.6.1 Brazil
9.6.2 Rest of South America
10 Competitive Landscape
10.1 Overview
10.2 Market Share Analysis: Polyacrylamide
10.3 Competitive Situations And Trends
10.4 Competitive Benchmarking of Development Strategies
10.4.1 Expansions
10.4.2 Agreements
10.4.3 New Product Launches

11 Company Profiles
11.1 SNF Floerger Group
11.2 Kemira Oyj
11.3 BASF SE
11.4 Anhui Jucheng Fine Chemicals Co.Ltd
11.5 Petrochina Daqing Refining & Chemical Company
11.6 Anhui Tianrrun Chemicals Co.,Ltd
11.7 Beijing Hengju Chemical Group Corporation
11.8 Jiangsu Feymer Technology Co Ltd
11.9 Mitsubishi Rayon Co Ltd
11.10 Shadong Polymer Biochemicals Co. Ltd.
11.11 Xitao Polymer Co Ltd

List of Tables
Table 1 Polyacrylamide Market, by Type
Table 2 Polyacrylamide Market, by Application
Table 3 Polyacrylamide Market, by Region
Table 4 Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 5 Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 6 Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 7 Polyacrylamide Market Size, by Type, 2014-2021 (Kiloton)
Table 8 Polyacrylamide Market Size, by Region, 2014-2021 (USD Million)
Table 9 Polyacrylamide Market Size, by Region, 2014-2021 (Kiloton)
Table 10 North America: Polyacrylamide Market Size, by Country, 2014-2021 (USD Million)
Table 11 North America: Polyacrylamide Market Size, by Country, 2014-2021 (Kiloton)
Table 12 North America: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 13 North America: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 14 North America: Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 15 North America: Polyacrylamide Market Size, by Type, 2014-2021 (Kilotons)
Table 16 U.S.: Economic Outlook, 2015
Table 17 U.S.: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 18 U.S.: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 19 Canada: Economic Outlook, 2015
Table 20 Canada: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 21 Canada: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 22 Mexico: Economic Outlook, 2015
Table 23 Mexico: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 24 Mexico: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 25 Europe: Polyacrylamide Market Size, by Country, 2014-2021 (USD Million)
Table 26 Europe: Polyacrylamide Market Size, by Country, 2014-2021 (Kiloton)
Table 27 Europe: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 28 Europe: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 29 Europe: Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 30 Europe: Polyacrylamide Market Size, by Type, 2014-2021 (Kilotons)
Table 31 Germany: Economic Outlook, 2015
Table 32 Germany: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 33 Germany: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 34 U.K.: Economic Outlook, 2015
Table 35 U.K.: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 36 U.K.: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 37 France: Economic Outlook, 2015
Table 38 France: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 39 France: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 40 Italy: Economic Outlook, 2015
Table 41 Italy: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 42 Italy: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 43 Spain: Economic Outlook, 2015
Table 44 Spain: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 45 Spain: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 46 Russia: Economic Outlook, 2015
Table 47 Russia: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 48 Russia: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 49 Rest of Europe: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 50 Rest of Europe: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 51 Asia-Pacific: Polyacrylamide Market Size, by Country, 2014-2021 (USD Million)
Table 52 Asia-Pacific: Polyacrylamide Market Size, by Country, 2014-2021 (Kiloton)
Table 53 Asia-Pacific: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 54 Asia-Pacific: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 55 Asia-Pacific: Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 56 Asia-Pacific: Polyacrylamide Market Size, by Type, 2014-2021 (Kiloton)
Table 57 China: Economic Outlook, 2015
Table 58 China: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 59 China: Polyacrylamide Market Size, by Application, 2014-2020 (Kiloton)
Table 60 Japan: Economic Outlook, 2015
Table 61 Japan: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 62 Japan: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 63 South Korea: Economic Outlook, 2015
Table 64 South Korea: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 65 South Korea: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 66 India: Economic Outlook, 2015
Table 67 India: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 68 India: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 69 Rest of Asia-Pacific: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 70 Rest of Asia-Pacific: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 71 Middle East & Africa: Polyacrylamide Market Size, by Country, 2014-2021 (USD Million)
Table 72 Middle East & Africa: Polyacrylamide Market Size, by Country, 2014-2021 (Kiloton)
Table 73 Middle East & Africa: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 74 Middle East & Africa: Polyacrylamide Market Size, by Application, 2014-2020 (Kiloton)
Table 75 Middle East & Africa: Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 76 Middle East & Africa: Polyacrylamide Market Size, by Type, 2014-2021 (Kiloton)
Table 77 Saudi Arabia: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 78 Saudi Arabia: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 79 UAE: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 80 UAE: Polyacrylamide Market Size, by Application, 2014-2020 (Kiloton)
Table 81 South Africa: Economic Outlook, 2015
Table 82 South Africa: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 83 South Africa: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 84 Rest of Middle East & Africa: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 85 Rest of Middle East & Africa: Polyacrylamide Market Size, by Application, 2014-2020 (Kiloton)
Table 86 South America: Polyacrylamide Market Size, by Country, 2014-2021 (USD Million)
Table 87 South America: Polyacrylamide Market Size, by Country, 2014-2021 (Kiloton)
Table 88 South America: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 89 South America: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 90 South America: Polyacrylamide Market Size, by Type, 2014-2021 (USD Million)
Table 91 South America: Polyacrylamide Market Size, by Type, 2014-2021 (Kiloton)
Table 92 Brazil: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 93 Brazil: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 94 Rest of South America: Polyacrylamide Market Size, by Application, 2014-2021 (USD Million)
Table 95 Rest of South America: Polyacrylamide Market Size, by Application, 2014-2021 (Kiloton)
Table 96 Expansions: 2012-2016
Table 97 Agreements: 2012-2016
Table 98 New Product Launches: 2012-2016

List of Figures
Figure 1 Polyacrylamide Market Segmentation
Figure 2 Polyacrylamide Market: Research Design
Figure 3 Market Size Estimation: Bottom-Up Approach
Figure 4 Market Size Estimation: Top-Down Approach
Figure 5 Polyacrylamide Market: Data Triangulation
Figure 6 Assumptions of the Research Study
Figure 7 Cationic is to Be the Largest And Fastest-Growing Type of Polyacrylamide Through 2021
Figure 8 Water Treatment to Be the Fastest-Growing Application During the Forecast Period
Figure 9 Asia-Pacific to Be the Fastest-Growing Polyacrylamide Market Between 2016 And 2021
Figure 10 Water Treatment Industry to Dominate the Polyacrylamide Market
Figure 11 Enhanced Oil Recovery Accounted for the Largest Share of the Polyacrylamide Market in Asia-Pacific
Figure 12 China Accounted for the Largest Market Share of the Polyacrylamide Market in 2015
Figure 13 Anionic Polyacrylamide to Dominate the Polyacrylamide Market Through 2021
Figure 14 Factors Affecting the Polyacrylamide Market
Figure 15 Enhanced Oil Recovery Chemicals Demand 2013-2020 (USD Million)
Figure 16 Overview of Polyacrylamide Value Chain
Figure 17 Porter'S Five Forces Analysis
Figure 18 Water Treatment Application is Projected to Capture the Largest Market Share, by 2021 (Kiloton)
Figure 19 Anionic Polyacrylamide Projected to Account for the Largest Market Share, 2016-2021, in Terms of Volume
Figure 20 Regional Snapshot (2015): Rapidly Growing Markets Are Emerging as New Hotspots
Figure 21 North American Market Snapshot: Mexico is Projected to Be the Fastest Growing Market, 2016-2021
Figure 22 European Market Snapshot: Germany is Projected to Be the Largest Market, 2016-2021
Figure 23 Asia-Pacific Market Snapshot: India to Be the Fastest Growing Market, 2016-2021
Figure 24 Companies Adopted Expansions as the Key Growth Strategy
Figure 25 SNF Floerger Group Dominated the Polyacrylamide Market, 2015
Figure 26 Market Share: Expansion is the Key Strategy
Figure 27 SNF Floerger Group: Company Snapshot
Figure 28 SNF Floerger Group: SWOT Analysis
Figure 29 Kemira OYJ: Company Snapshot
Figure 30 Kemira OYJ: SWOT Analysis
Figure 31 BASF SE: Company Snapshot
Figure 32 BASF SE: SWOT Analysis
Figure 33 Anhui Jucheng Fine Chemicals Co Ltd: SWOT Analysis
Figure 34 Petrochina Daqing Refining & Chemical Company: SWOT Analysis

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3972895/](http://www.researchandmarkets.com/reports/3972895/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Polyacrylamide Market by Type (Anionic, Cationic, Non-Ionic), Application (Water Treatment, Pulp & Paper, Enhanced Oil Recovery, Mineral Processing), Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3972895/
Office Code: SC2G4TVB

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: __________________________ Last Name: __________________________
Email Address: * __________________________
Job Title: __________________________
Organisation: __________________________
Address: __________________________
City: __________________________
Postal / Zip Code: __________________________
country: __________________________
Phone Number: __________________________
Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World