Polyamide Market by Type, by Application, by Process, and by Region - Global Trends and Forecast to 2020

Description:
Polyamide Market by Type (PA 6, PA 66, Bio-Based & Specialty), by Application (Automotive, Films & Coatings, Industrial/Machineries, Consumer Goods & Appliances, Fibers & Textiles, and Others), by Process, and by Region - Global Trends and Forecast to 2020

The automotive application segment contributed a major share to the market, due to the increased usage of polyamide in the manufacturing of lightweight vehicles. Polyamide is used in the production of automotive parts, such as glass-reinforced plastics (GRP)-based structural parts, air intake manifolds, engine covers, rocker valve covers, airbag containers, and various interior & exterior automotive parts. The demand for polyamide is also rising for use in the production of electronic connectors, semiconductor chips, switches, and others.

Based on type, the PA6 segment is expected to account for the largest share of the polyamide market in 2015. This segment is estimated to witness high growth, due to the increased demand of PA6 in the production of lightweight vehicles. Bio-based & specialty polyamides are environmental-friendly and provide better performance than conventional thermoplastics. This is expected to result in the growth of the bio-based & specialty segment globally.

The polyamide market in North America is expected to grow at the highest CAGR between 2015 and 2020. The growth of the polyamide market in North America & Europe is majorly driven by the increasing demand of polyamide from the automotive and electronics & electrical sectors. The U.S. is a major market for polyamide in North America, and is followed by Canada and Mexico. Germany, France, and Italy are the key countries in the European polyamide market.

Asia-Pacific is estimated to contribute the largest share to the global polyamide market. This growth can be attributed to the presence of the emerging economies, such as China, India, Taiwan, and others as well as the growth in the end user industries, such as automotive, electronics & consumer goods, and others in this region.

The increasing usage in the automotive sector for weight reduction is one of the key factors driving the growth of the polyamide market. Many of the components such as interiors, fuel systems, and under the hood components are now being designed using polyamides as engineering thermoplastics.

Availability is another factor that has a major impact on increased applications of polyamides, with many players having well-established supply base throughout the globe. PA6 and PA66 have a greater availability as compared to bio-based and specialty polyamides. However, companies, such as Arkema SA, Evonik AG, and others, dealing primarily in specialty chemicals, have started operations in emerging markets to increase product supply in these regions.

Estimating the future demand is a prime challenge for the polyamides suppliers, due to the economic slowdown that took place in the past decade. Many economies in the European region have still not recovered completely, which has affected the demand for polyamides from major end user industries in this region. In Asia-Pacific, China witnessed lowest growth rates in the past decade.

Manufacturing sector holds a key share in the GDP of China, and the slowdown in this sector will affect the polyamide consumption of polyamide in applications such as automotive and fibers & textile to some extent. However, from strategic point of view, China still holds the key to the growth of polyamide market in Asia-Pacific.

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Rivalry
6.4 Strategic Benchmarking
6.4.1 New Product Launch
6.4.2 Expansions

7 Polyamide Market, By Application
7.1 Introduction
7.2 Fibres & Textiles
7.3 Automotive
7.4 Electrical & Electronics
7.5 Film & Coating
7.6 Industrial/Machinery
7.7 Consumer Goods & Appliances

8 Polyamide Market, By Type
8.1 Introduction
8.2 Market Size & Projection
8.3 Polyamide 6
8.4 PA 66
8.5 Bio-Based & Specialty Polyamide
8.5.1 Polyamide 46
8.5.2 Polyamide 6/12
8.5.3 Polyamide 11
8.5.4 Polyamide 12
8.5.5 Polyamide 6/10

9 Polyamide Market, By Process
9.1 Introduction
9.1.1 Extrusion Molding
9.1.2 Injection Molding
9.1.3 Fiber Extrusion

10 Polyamide Market, By Region
10.1 Introduction
10.2 Asia-Pacific
10.2.1 China Polyamide Market, By Type
10.2.2 Japan Polyamide Market, By Type
10.2.3 India Polyamide Market, By Type
10.3 Europe
10.3.1 Germany Polyamide Market, By Type
10.3.2 Italy Polyamide Market, By Type
10.3.3 France Polyamide Market, By Type
10.4 North America
10.4.1 U.S. Polyamide Market, By Type
10.4.2 Canada Polyamide Market, By Type
10.4.3 Mexico Polyamide Market, By Type
10.5 Rest of the World
10.5.1 Brazil Polyamide Market, By Type
10.5.2 Middle East Polyamide Market, By Type

11 Competitive Landscape
11.1 Overview
11.2 Competitive Situation & Trends
11.3 Expansions & Investments
11.4 Agreements, Collaborations, Joint Venture & Partnerships
11.5 New Product Development & Launches
11.6 Mergers & Acquisitions

12 Company Profiles (Overview, Financial*, Products & Services, Strategy, and Developments)
12.1 Introduction
12.2 BASF SE
12.3 Honeywell International, Inc.
12.4 Asahi Kasei Corporation
12.5 Evonik Industries AG
12.6 E.I. DuPont De Nemours & Company
12.7 Formosa Plastics Corp.
12.8 Huntsman Corporation
12.9 Arkema SA.
12.10 Royal DSM NV
12.11 UBE Industries Limited
12.12 Invista S.A.R.L. (Koch Industries, Inc.)
12.13 Lanxess AG
12.14 Quadrant AG
12.15 Solvay SA
12.16 Saudi Basic Industries Corp.(Sabic Innovative Plastics Holdings BV)

*Details Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Developments
13.2 Insights From Industry Experts
13.3 Discussion Guide
13.4 Introducing RT: Real Time Market Intelligence
13.5 Available Customizations
13.6 Related Reports

List of Tables
Table 1 Polyamide (PA6): Electrical Properties
Table 2 Consistent Demand From End-User Industries Driving the Market
Table 3 Financial Stability for Sustained Growth of Polyamide Market
Table 4 Acceptance of Bio-Based Polyamides as A Safe Form of Nylon Brings New Opportunity for Polyamide Industry
Table 5 Better Solutions Required to Face Stiff Economic Challenges in Future
Table 6 Polyamide Market Size, By Application, 2013-2020 (USD Billion)
Table 7 Polyamide Market Size, By Application, 2013-2020 (KT)
Table 8 Polyamide Market Size in Fibres & Textiles, By Region, 2013-2020 (USD Billion)
Table 9 Polyamide Market Size in Fibres & Textiles, By Region, 2013-2020 (KT)
Table 10 Polyamide Market Size in Automotive, By Region, 2013-2020 (USD Billion)
Table 11 Polyamide Market Size in Automotive, By Region, 2013-2020 (KT)
Table 12 Polyamide Market Size in Electrical & Electronics, By Region, 2013-2020 (USD Billion)
Table 13 Polyamide Market Size in Electrical & Electronics, By Region, 2013-2020 (KT)
Table 14 Polyamide Market Size in Film & Coating, By Region, 2013-2020 (USD Million)
Table 15 Polyamide Market Size in Film & Coating, By Region, 2013-2020 (KT)
Table 16 Polyamide Market Size in Industrial/Machinery, By Region, 2013-2020 (USD Million)
Table 17 Polyamide Market Size in Industrial/Machinery, By Region, 2013-2020 (KT)
Table 18 Polyamide Market Size in Consumer Goods & Appliances, By Region, 2013-2020 (USD Million)
Table 19 Polyamide Market Size in Consumer Goods & Appliances, By Region, 2013-2020 (KT)
Table 20 Polyamide Market Size: By Type, 2013-2020 (USD Billion)
Table 21 Polyamide Market Size: By Type, 2013-2020 (KT)
Table 22 Polyamide 6: Properties & Applications
Table 23 PA 6 Market Size, By Region, 2013-2020 (USD Billion)
Table 24 PA 6 Market Size, By Region, 2013-2020 (KT)
Table 25 Polyamide 66: Properties & Its Applications
Table 26 PA 66 Market Size, By Region, 2013-2020 (USD Billion)
Table 27 PA 66 Market Size, By Region, 2013-2020 (KT)
Table 28 Bio-Based Polyamide: Properties of Different Grades
Table 29 Polyamide 11: Industries & Typical Applications
Table 30 Moisture Absorption: Polyamide 12 vs Others
Table 31 Polyamide 12: Industries & Typical Applications
Table 32 Bio-Based & Specialty Market Size, By Region, 2013-2020 (USD Billion)
Table 33 Bio-Based & Specialty Market Size, By Region, 2013-2020 (KT)
Table 34 Polyamide Market Size, By Process, 2013-2020 (USD Billion)
Table 35 Polyamide Market Size, By Process, 2013-2020 (KT)
Table 36 Polyamide Global Market Size, By Region, 2013-2020 (USD Billion)
Table 37 Polyamide Global Market Size, By Region, 2013-2020 (KT)
Table 38 Asia-Pacific: Polyamide Market Size, By Country, 2013-2020 (USD Billion)
Table 39 Asia-Pacific: Polyamide Market Size, By Country, 2013-2020 (KT)
Table 40 Asia-Pacific: Polyamide Market Size, By Type, 2013-2020 (USD Billion)
Table 41 Asia-Pacific: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 42 China: Polyamide Market Size, By Type, 2013-2020 (USD Billion)
Table 43 China: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 44 Japan: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 45 Japan: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 46 India: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 47 India: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 48 Europe: Polyamide Market Size, By Country, 2013-2020 (USD Billion)
Table 49 Europe: Polyamide Market Size, By Country, 2013-2020 (KT)
Table 50 Europe: Polyamide Market Size, By Type, 2013-2020 (USD Billion)
Table 51 Europe: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 52 Germany: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 53 Germany: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 54 Italy: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 55 Italy: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 56 France: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 57 France: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 58 North America: Polyamide Market Size, By Country, 2013-2020 (USD Billion)
Table 59 North America: Polyamide Market Size, By Country, 2014-2020 (KT)
Table 60 North America: Polyamide Market Size, By Type, 2013-2020 (USD Billion)
Table 61 North America: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 62 U.S.: Polyamide Market Size, By Type, 2013-2020 (USD Billion)
Table 63 U.S.: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 64 Canada: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 65 Canada: Polyamide Market Size, By Application Type, 2014-2020 (KT)
Table 66 Mexico: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 67 Mexico: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 68 RoW: Polyamide Market Size, By Region, 2013-2020 (USD Million)
Table 69 RoW: Polyamide Market Size, By Region, 2013-2020 (KT)
Table 70 RoW: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 71 RoW: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 72 Brazil: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 73 Brazil: Polyamide Market Size, By Type, 2013-2020 (KT)
Table 74 Middle East: Polyamide Market Size, By Type, 2013-2020 (USD Million)
Table 75 Middle East: Polyamide Market Size, By Application, 2013-2020 (KT)
Table 76 Expansions, 2010-2015
Table 77 Agreements, Collaborations, Joint Venture & Partnerships, 2010-2015
Table 78 New Product Launch, 2010-2015
Table 79 Mergers & Acquisition, 2010-2015
Table 80 BASF SE: Products & Their Applications
Table 81 Honeywell International, Inc.: Products & Their Description
Table 82 Asahi Kasei Corporation: Products & Their Descriptions
Table 83 Evonik Industries AG: Products & Their Descriptions
Table 84 E.I. Du Pont De Nemours & Company: Products & Their Descriptions
Table 85 Formosa Plastics Corp.: Products & Their Descriptions
Table 86 Arkema SA: Products & Their Description
Table 87 Royal DSM NV: Products & Their Descriptions
Table 88 UBE Industries Ltd: Products & Their Description
Table 89 Invista S.A.R.L.: Products & Their Descriptions
Table 90 Lanxess AG: Products & Their Descriptions
Table 91 Quadrant AG: Products & Their Descriptions

List of Figures
Figure 1 Polyamide: Market Segmentation
Figure 2 Polyamide Market : Research Design
Figure 3 Key Data From Secondary Sources
Figure 4 Key Data From Primary Sources
Figure 5 Key Industry Insights
Figure 6 Breakdown of Primary Interviews
Figure 7 Market Size Estimation: Bottom-Up Approach
Figure 8 Market Size Estimation: Top-Down Approach
Figure 9 Polyamide Market: Data Triangulation
Figure 10 PA 6 to Dominate the Polyamide Market, 2015 & 2020
Figure 11 North America & Europe to Register High CAGR Between 2015 & 2020
Figure 12 High Growth Expected in the Polyamide Market Between 2015 & 2020
Figure 13 Asia-Pacific Expected to Be the Key Market for Polyamide Between 2015 & 2020
Figure 14 China Accounted for the Largest Share in the Asia-Pacific Market
Figure 15 Growth in End-User Industry in Emerging Regions to Boost the Demand for Polyamide Between 2015 & 2020
Figure 16 PA6 to Dominate the Polyamide Market in 2015
Figure 17 France to Emerge as A Lucrative Market Between 2015 & 2020
Figure 18 Polyamide Market in Asia-Pacific to Witness High Growth
Figure 19 Polyamide Market Evolution
Figure 20 Polyamide Market, By Type
Figure 21 Polyamide Market, By Application, 2015 (%)
Figure 22 Polyamide Market, By Region
Figure 23 Drivers, Restraints, Opportunity and Challenges for Polyamide Market
Figure 24 Polyamide: Automotive Application
Figure 25 Investment in Infrastructure: Emerging Economies, 2008-2017
Figure 26 Value Chain Analysis for Polyamide: Raw Material Accounts for the Major Value Addition
Figure 27 Porter's Five Forces Analysis
Figure 28 Strategic Benchmarking: Evonik Industries AG Introduced A New Product With Bio Base (Palm Oil)
Figure 29 Strategic Benchmarking: BASF SE Focused on Expansions to Capture Market Share in Asia Pacific Region
Figure 30 Fibres & Textiles are Expected to Drive the Polyamide Market, 2015 & 2020 (USD Million)
Figure 31 Asia-Pacific: the Largest Market for Polyamide in Fibres & Textiles in 2014
Figure 32 Asia-Pacific: the Largest Market for Polyamide in Electrical & Electronics (2013-2020)
Figure 33 Europe: the Largest Market for Polyamide in Film & Coating (2015-2020)
Figure 34 North America to Witness the Highest Growth in Polyamide Market in Industrial/Machinery Between 2015 & 2020
Figure 35 Asia-Pacific: the Largest Market for Polyamide in Consumer Goods & Appliances (2015-2020)
Figure 36 PA 6 Segment Expected to Dominate the Market Between 2015 & 2020
Figure 37 Rest of the World to Register the Highest CAGR During the Forecast Period
Figure 38 Asia-Pacific Expected to Be the Fastest-Growing Region in the Polyamide Market During the Forecast Period
Figure 39 Bio-Based & Specialty Polyamide to Register the Highest CAGR in the Next Five Years (2015-2020)
Figure 40 Fibers Extrusion Segment to Contribute the Largest Share to the Polyamide Market in the Next Five Years (2015-2020)
Figure 41 Regional Snapshot: France & Brazil are Emerging as the New Strategic Locations
Figure 42 North America Likely to Be the Fastest-Growing Market for Polyamide Between 2015 & 2020 With Increased Demand for Bio-Based and Specialty Polyamides
Figure 43 Asia-Pacific Market Snapshot: Polyamide (2015-2020)
Figure 44 Europe Market Snapshot: Polyamide (2015-2020)
Figure 45 North America Market Snapshot: Preference for Polyamide (2015-2020)
Figure 46 Rest of the World Market Snapshot: Preference for Polyamide (2014-2020)
Figure 47 New Product Launch & Expansion: Leading Approach of Key Companies
Figure 48 Revenues of Key Companies, 2012-2014 (USD Million)
Figure 49 Polyamide Market: Growth Strategies, By Company, 2011-2015
Figure 50 New Product Launch has Been A Key Strategy for Gaining Greater Market Share and New Applications
Figure 51 Expansions: Popular Strategies for Long Term Growth
Figure 52 Geographical Revenue Mix of Top Five Market Player
Figure 53 BASF SE: Company Snapshot
Figure 54 BASF SE: SWOT Analysis
Figure 55 Honeywell International, Inc.: Company Snapshot
Figure 56 Honeywell International, Inc.: SWOT Analysis
Figure 57 Asahi Kasei Corporation: Company Snapshot
Figure 58 Asahi Kasei Corporation: SWOT Analysis
Figure 59 Evonik Industries AG: Company Snapshot
Figure 60 Evonik Industries AG: SWOT Analysis
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:** Polyamide Market by Type, by Application, by Process, and by Region - Global Trends and Forecast to 2020
- **Web Address:** http://www.researchandmarkets.com/reports/3500933/
- **Office Code:** SCBRXZ8L

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

<table>
<thead>
<tr>
<th>Format Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td>□</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>□</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td>□</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td>□</td>
</tr>
</tbody>
</table>

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