3D Printing Plastic Market by Type (Photopolymers, ABS, PLA, Polyamide/Nylon, Others), by Form (Filament, Ink, Powder), by Application, by End-User Industry, and by Region - Global Forecasts to 2020

Description:

“Entry of large players from polymer industry and availability of wide range of grades are the key drivers to the 3D printing plastics market”

The global 3D printing plastics market, according to scenario one, is expected to grow at a CAGR of 25.7% between 2015 and 2020, and is estimated to reach USD 692.2 million by 2020, whereas scenario two predicts market to reach USD 822.7 million by 2020, at a CAGR of 34.6% from 2017 to 2020. A key driving factor for the growth of the 3D printing plastics market are the decreasing crude oil price, which indirectly affects the plastics prices, and availability of wide range of grades as per different applications. The report covers the global 3D printing plastics market segmented on the basis of type, form, application, end-user industry, and region.

“ABS expected to grow at the highest CAGR”:

The global 3D printing plastics market is classified based on different types. The types include photopolymers, ABS, PLA, polyamide/nylon, and others. In the 3D printing plastics market, ABS is estimated to grow at a significant pace during the forecast period. ABS is gaining popularity very rapidly due to increasing demand of ABS filament in FDM or FFM technology due to its mechanical properties over other general grades such as PLA and nylon used in FDM. It is most commonly used in commercial applications.

“APAC the fastest-growing region in the 3D printing plastics market”

The market in APAC is expected to grow at the highest CAGR between 2015 and 2020. The growth is attributed to various end-user industries, such as healthcare, consumer goods, and aerospace & defense in this region. The 3D printing industry in this region is largely concentrated in South East Asian region, which is one of the leading markets in term of industrial application. China is the fastest-growing market in the region with low average prices. The cost of raw material plastics is less in Asia-Pacific due to easy availability which promises high growth potential for 3D printing in coming years. It will also help Asia-Pacific to emerge as a global supplier for 3D printing plastics.

Several primary interviews with market experts have been conducted across four major regions, namely, North America, Europe, Asia-Pacific, and Rest of the World (Saudi Arabia and Brazil). The primary participants considered for the study are C level executives, managers, and D level executives of the tier 1, tier 2, and tier 3 companies.

- By Company Type - Tier 1 – 11.1%, Tier 2 – 33.3%, Tier 3 – 55.6%
- By Designation – C Level – 20.0%, Director level – 10.0%, Others - 70.0%
- By Region - North America – 41.7%, Europe - 33.3%, Asia-Pacific - 16.7%, RoW - 8.3%

The key companies in this market are 3D Systems Corporation (U.S.), Arkema S.A. (France), Stratasys Ltd. (U.S.), Royal DSM N.V. (The Netherlands), EOS GmbH Electro Optical Systems (Germany), CRP Group (U.S.), Envisiontec GmbH (Germany), Materialise NV (Belgium), Oxford Performance Materials (U.S.), and Golden Plastics (Hong Kong).

“Reasons to buy the report”:

- This report includes the market statistics pertaining to type, form, application, end users, and region along with their respective revenues.
- The Porter’s five forces framework has been utilized along with the value chain analysis to provide in-depth insights into the 3D printing plastics market.
- Major drivers, restraints, and opportunities for the 3D printing plastics market have been detailed in this report.
- Illustrative segmentation, analysis, and forecast for the markets based on type, form, application, end user, and region have been conducted to give an overall view of the 3D printing plastics market.
A detailed competitive landscape includes key players, in-depth analysis, and revenue of key players.

Contents:
1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Market Scope
    1.3.1 Markets Covered
    1.3.2 Years Considered for the Study
  1.4 Currency & Pricing
  1.5 Limitations
  1.6 Stakeholders
2 Research Methodology
  2.1 Research Data
    2.2 Secondary Data
      2.2.1 Key Data from Secondary Sources
    2.2.1 Primary Data
      2.2.1.1 Key Data from Primary Sources
      2.2.1.2 Key Industry Insights
      2.2.1.3 Breakdown of Primaries
    2.3 Market Size Estimation
    2.3.1 Bottom-Up Approach
    2.3.2 Top-Down Approach
    2.4 Market Breakdown & Data Triangulation
    2.5 Research Assumptions
      2.5.1 Growth Scenarios - 1 And 2
3 Executive Summary
4 Premium Insights
  4.1 Significant Opportunities for 3D Printing Plastics Market
  4.2 3D Printing Plastics Market Growth Trend: Scenario 1 And Scenario 2
  4.3 3D Printing Plastics Market: Key Regions
  4.4 3D Printing Plastics Market, Key Regions Growth Rate
  4.5 3D Printing Plastics Market in Asia-Pacific
  4.6 3D Printing Plastics Market, By Form
  4.7 Scenario 1 - 3D Printing Plastics Market: Developing Nations Vs. Developed Nations
  4.8 3D Printing Plastics Market, By Application
  4.9 Lifecycle Analysis, By Region
5 Market Overview
  5.1 Introduction
  5.2 Evolution
  5.3 Market Segmentation
    5.3.1 3D Printing Plastics Market, By Type
    5.3.2 3D Printing Plastics Market, By Form
    5.3.3 3D Printing Plastics Market, By Region
  5.4 Market Dynamics
    5.4.1 Drivers
      5.4.1.1 Expected Increase in the Supply Capacity With Forward Integration
      5.4.1.2 Efficient for Mass Manufacturing With Low Cycle Time
      5.4.1.3 Development of Application Specific Grades
      5.4.1.4 Highly Potential Market With Government Support
    5.4.2 Restraints
      5.4.2.1 Acceptance in Developing Economies
      5.4.2.2 Certification of the Grades With Demand in Critical Industries
      5.4.2.3 Monopoly of Few Players With Key Patents for Industrial Grades
    5.4.3 Opportunities
      5.4.3.1 Increasing Market for Bio-Based Grades
      5.4.3.2 Demand for Composite Grades in High End Applications
5.4.4 Challenges
5.4.4.1 Continuously Evolving Market

6 Industry Trends
6.1 Introduction
6.2 Key Trends
6.2.1 Market Entry By Major Plastics Manufacturers
6.2.2 Powder Coating to 3D Printing Base Materials (Unfilled Grades)
6.3 Value Chain Analysis
6.4 Porter'S Five Forces Analysis
6.4.1 Bargaining Power of Suppliers
6.4.2 Threat of New Entrants
6.4.3 Threat of Substitutes
6.4.4 Bargaining Power of Buyers
6.4.5 Intensity of Competitive Rivalry

7 3D Printing Plastics Market, By Type
7.1 Introduction
7.1.1 Scenario 1: 3D Printing Plastics Market, By Type
7.1.2 Scenario 2: 3D Printing Plastics Market, By Type
7.2 Photopolymers
7.2.1 Scenario 1: Photopolymers 3D Printing Plastics Market, By End User
7.2.2 Scenario 2: Photopolymers 3D Printing Plastics Market, By End User
7.3 Abs
7.3.1 Scenario 1: Abs 3D Printing Plastics Market, By End User
7.3.2 Scenario 2: Abs 3D Printing Plastics Market, By End User
7.4 Polyamide/Nylon
7.4.1 Scenario 1: Polyamide/Nylon in 3D Printing Plastics Market, By End User
7.4.2 Scenario 2: Polyamide/Nylon 3D Printing Plastics Market, By End User
7.5 Pla
7.5.1 Scenario 1: Pla 3D Printing Plastics Market, By End User
7.5.2 Scenario 2: Pla 3D Printing Plastics Market, By End User

8 3D Printing Plastics Market, By Form
8.1 Introduction
8.2 Filament
8.3 Ink
8.4 Powder

9 3D Printing Plastics Market, By Application
9.1 Introduction
9.2 Market Size & Projection
9.2.1 Growth in the Commercial/Hobbyist Industry is Expected to Drive the Demand for 3D Printing Plastics

10 3D Printing Plastics Market, By End User
10.1 Introduction
10.1.1 Scenario 1:3D Printing Plastics Market, By End User
10.1.2 Scenario 2: Global 3D Printing Plastics Market, By End User
10.2 Healthcare & Medical
10.2.1 Scenario 1: Healthcare & Medical 3D Printing Plastics Market, By Type
10.2.2 Scenario 2: Healthcare & Medical 3D Printing Plastics Market, By Type
10.3 Aerospace & Defense
10.3.1 Scenario 1: Aerospace & Defense 3D Printing Plastics Market, By Type
10.3.2 Scenario 2: Aerospace & Defense 3D Printing Plastics Market, By Type
10.4 Consumer Goods
10.4.1 Scenario 1: Consumer Goods 3D Printing Plastics Market, By Type
10.4.2 Scenario 2: Consumer Goods 3D Printing Plastics Market, By Type
10.5 Automotive
10.5.1 Scenario 1: Automotive 3D Printing Plastics Market, By Type
10.5.2 Scenario 2: Automotive 3D Printing Plastics Market, By Type

11 3D Printing Plastics Market, By Region
11.1 Introduction
11.1.1 Scenario 1: Global 3D Printing Plastics Market, By Region
11.1.2 Scenario 2: Global 3D Printing Plastics Market, By Region
11.2 North America
11.2.1 Scenario 1: North America 3D Printing Plastics Market, By Country
11.2.2 Scenario 2: North America 3D Printing Plastics Market, By Country
11.3 Europe
11.3.1 Scenario 1: Europe 3D Printing Plastics Market, By Country
11.3.2 Scenario 2: Europe 3D Printing Plastics Market, By Country
11.4 Asia-Pacific
11.4.1 Scenario 1: Asia-Pacific 3D Printing Plastics Market, By Country
11.4.2 Scenario 2: Asia-Pacific 3D Printing Plastics Market, By Region
11.5 Row
11.5.1 Scenario 1: Row 3D Printing Plastics Market, By Country
11.5.2 Scenario 2: Row 3D Printing Plastics Market, By Region

12 Competitive Landscape
12.1 Introduction
12.1.1 New Product Launch: the Most Popular Growth Strategy
12.2 Maximum Developments in 2014
12.3 Competitive Situation & Trends
12.3.1 New Product Launches
12.3.2 Mergers & Acquisitions
12.3.3 Partnerships, Agreements & Collaborations
12.3.4 Expansions

13 Company Profiles
(Overview, Financials, Products & Services, Strategy, And Developments)*
13.1 Introduction
13.2 3D Systems Corporation
13.3 Arkema S.A.
13.4 Stratasys Ltd.
13.5 Royal DSM N.V.
13.6 Eos Gmbh Electro Optical Systems
13.7 Crp Group
13.8 Envisiontec Gmbh
13.9 Materialise Nv
13.10 Oxford Performance Materials
13.11 Golden Plastics
*Details On Overview, Financials, Product & Services, Strategy, And Developments Might Not Be Captured in Case of Unlisted Company

14 Appendix
14.1 Insights of Industry Experts
14.2 Discussion Guide
14.3 Knowledge Store: Marketsandmarkets’ Subscription Portal
14.4 Introducing Rt: Real Time Market Intelligence
14.5 Available Customizations
14.6 Related Reports

List of Tables:
Table 1 Scenario 1: 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 2 Scenario 1: 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 3 Scenario 2: 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 4 Scenario 2:3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 5 Scenario 1: Photopolymers 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 6 Scenario 1: Photopolymers 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 7 Scenario 2: Photopolymers 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 8 Scenario 2: Photopolymers 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 9 Scenario 1: Abs 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 10 Scenario 1: Abs 3D Printing Plastics Market, By End User, 2013-2020, (Tons)
Table 11 Scenario 2: Abs 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 12 Scenario 2: Abs 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 13 Scenario 1: Polyamide/Nylon 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 14 Scenario 1: Polyamide/Nylon 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 15 Scenario 2: Polyamide/Nylon 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 16 Scenario 1: Polyamide/Nylon 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 17 Scenario 1: Pla 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 18 Scenario 1: Pla 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 19 Scenario 2: Pla 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 20 Scenario 2: Pla 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 21 Scenario 1 - 3D Printing Plastics Market, By Form, 2013-2020 (USD Million)
Table 22 Scenario 1 - 3D Printing Plastics Market, By Form, 2013-2020 (Tons)
Table 23 Scenario 2 - 3D Printing Plastics Market, By Form, 2013-2020 (USD Million)
Table 24 Scenario 2 - 3D Printing Plastics Market, By Form, 2013-2020 (Tons)
Table 25 Scenario 1 - 3D Printing Plastics Market, By Application, 2013-2020 (USD Million)
Table 26 Scenario 1 - 3D Printing Plastics Market, By Application, 2013-2020 (Tons)
Table 27 Scenario 2 - 3D Printing Plastics Market, By Application, 2013-2020 (USD Million)
Table 28 Scenario 2 - 3D Printing Plastics Market, By Application, 2013-2020 (Tons)
Table 29 Scenario 1: 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 30 Scenario 1- Global 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 31 Scenario 2: Global 3D Printing Plastics Market, By End User, 2013-2020 (USD Million)
Table 32 Scenario 2: Global 3D Printing Plastics Market, By End User, 2013-2020 (Tons)
Table 33 Scenario 1: Healthcare & Medical 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 34 Scenario 1: Healthcare & Medical 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 35 Scenario 2: Healthcare & Medical 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 36 Scenario 2: Healthcare & Medical 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 37 Demand of New Airplanes, By Region, 2014 to 2033
Table 38 Scenario 1: Aerospace & Defense 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 39 Scenario 1: Aerospace & Defense 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 40 Scenario 2: Aerospace & Defense 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 41 Scenario 2: Aerospace & Defense 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 42 Scenario 1: Consumer Goods 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 43 Scenario 1: Consumer Goods 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 44 Scenario 2: Consumer Goods 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 45 Scenario 2: Consumer Goods 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 46 Scenario 1: Automotive 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 47 Scenario 1: Automotive 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 48 Scenario 2: Automotive 3D Printing Plastics Market, By Type, 2013-2020 (USD Million)
Table 49 Scenario 2: Automotive 3D Printing Plastics Market, By Type, 2013-2020 (Tons)
Table 50 Scenario 1: Global 3D Printing Plastics Market, By Region, 2013-2020 (USD Million)
Table 51 Scenario 1: Global 3D Printing Plastics Market, By Region, 2013-2020 (Tons)
Table 52 Scenario 2: Global 3D Printing Plastics Market, By Region, 2013-2020 (USD Million)
Table 53 Scenario 2: Global 3D Printing Plastics Market, By Region, 2013-2020 (Tons)
Table 54 Scenario 1: North America 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 55 Scenario 1: North America 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 56 Scenario 2: North America 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 57 Scenario 2: North America 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 58 Scenario 1: Asia-Pacific 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 59 Scenario 1: Asia-Pacific 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 60 Scenario 2: Asia-Pacific 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 61 Scenario 2: Asia-Pacific 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 62 Scenario 1: Row 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 63 Scenario 1: Row 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 64 Scenario 2: Row 3D Printing Plastics Market, By Country, 2013-2020 (USD Million)
Table 65 Scenario 2: Row 3D Printing Plastics Market, By Country, 2013-2020 (Tons)
Table 70 New Product Launches & New Product Development, 2010-2016
Table 71 Mergers & Acquisitions, 2012-2014
Table 72 Partnerships, Agreements & Collaborations, 2012-2015
Table 73 Expansions, 2011-2015

List of Figures:
Figure 1 3D Printing Plastics: Market Segmentation
Figure 53 Royal DSM N.V.: Swot Analysis
Figure 54 Eos Gmbh Electro Optical Systems: Swot Analysis

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