

Engineering Plastics - A Global Market Overview

Market Report | 2024-02-14 | 535 pages | Industry Experts

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Report description:

Report Synopsis

The engineering plastics sector plays a pivotal role in various industries, spanning automotive, electronics, appliances, construction, healthcare, and more. Its robust growth is fueled by the relentless pursuit of high-performance materials that offer durability, versatility, and enhanced mechanical properties. Unlike commodity plastics, which are used for general purposes, engineering plastics are designed for specific applications that demand enhanced performance in challenging environments.

Global volume consumption of engineering plastics, estimated at 27.3 million metric tons in 2023, is projected to reach 34.3 million metric tons by 2029 growing at a CAGR of 3.9% between 2023 and 2029. Global volume demand for engineering plastics recovered sharply in 2021, from a slump of 3% YoY in 2020 due to reduction in demand from automotive & transportation applications amid the impact of coronavirus pandemic, and continued the momentum through 2023, albeit at a low pace amid slowdown in global economy specifically in the European region.

Research Findings & Coverage

- Global market for Engineering Plastics is analyzed in this report with respect to plastic types, end-use applications, major geographic regions and key countries
- Market share analysis covered for Engineering Plastics based on the segmentation mentioned above and current market size estimation, revenue projections for the analysis period through 2029
- The report includes an in-depth analysis of the market for each end-use application along with pandemic influence, market constraints and growth drivers
- The production capacity analysis covered for each plastic type by region/country and major players; capacity expansions plans illustrated for all major plastic types by country, producer and plant through to 2028
- The study discusses major growth trends, R&D, technology updates, statutory regulations and emerging applications of Engineering that influence the market growth
- Key business trends focusing on product innovations/developments, capacity expansions, M&As, JVs and other recent industry developments by the major players
- The report includes 349 data tables covering market numbers by segment and regions with graphical representation for each

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table

- Brief business profiles of major companies covered - 101
- The industry guide includes the contact details for 433 companies

Product Outline

The market for types of Engineering Plastics analyzed in this report including:

- Styrene Copolymers (Acrylonitrile Butadiene Styrene (ABS) and Styrene Acrylonitrile (SAN))
- Polycarbonate (PC)
- Polyamides (PA6, PA66)
- Polymethyl Methacrylate (PMMA)
- Polyacetal/Polyoxymethylene (POM)
- Polybutylene Terephthalate (PBT)
- Modified Polyphenylene Ether / Polyphenylene Oxide (mPPE/PPO)

The report analyzes the market for Engineering Plastics by end-use application comprising:

- Automotive & Transportation
- Electrical & Electronics
- Building & Construction
- Appliances
- Consumer Goods
- Others (including medical, industrial and packaging among other smaller applications)

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Engineering Plastics market for the period 2019-2029 in terms of volume in metric tons and market value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

Geographic Coverage

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, the Netherlands, Russia, Spain, the United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World

Table of Contents:

TABLE OF CONTENTS

PART A: GLOBAL MARKET PERSPECTIVE

1. INTRODUCTION

1.1 Global Engineering Plastics Market: Trends and Outlook

1.1.1 Engineering Plastics Market Growth Drivers

1.1.2 COVID-19 Pandemic and Inflation: Impact on Engineering Plastics Industry

1.2 Product Outline

1.2.1 What Are Engineering Plastics?

1.2.2 Classification of Engineering Thermoplastics

1.2.2.1 Amorphous Thermoplastics

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1.2.2.2 Semi-Crystalline Thermoplastics

1.2.3 Types of Engineering Plastics and Their Applications

1.2.3.1 Acrylonitrile Butadiene Styrene (ABS) and Styrene Acrylonitrile (SAN)

1.2.3.1.1 Applications of Acrylonitrile Butadiene Styrene (ABS) and Styrene Acrylonitrile (SAN)

Appliances

Automotive & Transportation

Building & Construction

Consumer Goods

Electrical & Electronics

Other Applications

1.2.3.1.2 Global Acrylonitrile Butadiene Styrene (ABS) & Styrene Acrylonitrile (SAN) Market by End-use Application

1.2.3.2 Polycarbonate (PC)

1.2.3.2.1 Applications of Polycarbonates (PC)

Appliances

Automotive & Transportation

Building & Construction

Electrical & Electronics

Optical Storage Media

Other Applications

1.2.3.2.2 Global Polycarbonate (PC) Market by End-use Application

1.2.3.3 Polyamides (PA 6, PA 66)

Polyamide 6 (PA6)

Polyamide 66 (PA66)

1.2.3.3.1 Applications of Polyamides

Appliances

Automotive & Transportation

Building & Construction

Consumer Goods

Electrical & Electronics

Other Applications

1.2.3.3.2 Global Polyamides (PA6, PA66) Market by End-use Application

1.2.3.4 Polymethyl Methacrylate (PMMA)

1.2.3.4.1 Applications of Polymethyl Methacrylate (PMMA)

Appliances

Automotive & Transportation

Building & Construction

Electrical & Electronics

Lighting

Sings & Displays

Other Applications

1.2.3.4.2 Global Polymethyl Methacrylate (PMMA) Market by End-use Application

1.2.3.5 Polyoxymethylene (POM)

1.2.3.5.1 Applications of Polyoxymethylene (POM)

Appliances

Automotive & Transportation

Consumer Goods

Electrical & Electronics

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Industrial

Other Applications

1.2.3.5.2 Global Polyoxymethylene (POM) Market by End-use Application

1.2.3.6 Polybutylene Terephthalate (PBT)

1.2.3.6.1 Applications of Polybutylene Terephthalate (PBT)

Appliances

Automotive & Transportation

Electrical & Electronics

Industrial

Other Applications

1.2.3.6.2 Global Polybutylene Terephthalate (PBT) Market by End-use Application

1.2.3.7 Modified Polyphenylene Ether (mPPE)/ Polyphenylene Oxide (mPPO)

1.2.3.7.1 Applications of Modified Polyphenylene Ether (mPPE)

Automotive & Transportation

Office Automation (OA) Equipment & Appliances

Electrical & Electronics

Industrial

Other Applications

1.2.3.7.2 Global Modified Polyphenylene Ether (mPPE/PPO) Market by End-use Application

2. INDUSTRY LANDSCAPE

2.1 Global Engineering Plastics Production Capacity

2.2 Global Engineering Plastics Production Capacity by Plastic Type

2.2.1 Acrylonitrile Butadiene Styrene (ABS) and Styrene Acrylonitrile (SAN)

2.2.1.1 Global ABS and SAN Resin Production Capacity by Geographic Region

2.2.1.2 Global ABS and SAN Resin Production Capacity by Country

2.2.2 Polycarbonate (PC)

2.2.2.1 Global Polycarbonate (PC) Resin Production Capacity by Geographic Region

2.2.2.2 Global Polycarbonate (PC) Resin Production Capacity by Country

2.2.3 Polyamide (PA6, PA66)

Polyamide 6 (PA6)

Polyamide 66 (PA66)

2.2.3.1 Global Polyamide (PA6, PA66) Resin Production Capacity by Geographic Region

Polyamide 6 (PA6)

Polyamide 66 (PA66)

2.2.3.2 Global Polyamide (PA6, PA66) Resin Production Capacity by Country

Polyamide 6 (PA6)

Polyamide 66 (PA66)

2.2.4 Polymethyl Methacrylate (PMMA)

2.2.4.1 Global Polymethyl Methacrylate (PMMA) Resin Production Capacity by Geographic Region

2.2.4.2 Global Polymethyl Methacrylate (PMMA) Resin Production Capacity by Country

2.2.5 Polyoxymethylene (POM)

2.2.5.1 Global Polyoxymethylene (POM) Resin Production Capacity by Geographic Region

2.2.5.2 Global Polyoxymethylene (POM) Resin Production Capacity by Country

2.2.6 Polybutylene Terephthalate (PBT)

2.2.6.1 Global Polybutylene Terephthalate (PBT) Resin Production Capacity by Geographic Region

2.2.6.2 Global Polybutylene Terephthalate (PBT) Resin Production Capacity by Country

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2.2.7 Modified Polyphenylene Ether (mPPE) and Polyphenylene Ether (PPE)

2.3 Company Profiles

- 2.3.1 3A Composites Holding AG (Switzerland)
- 2.3.2 Advansix Inc. (United States)
- 2.3.3 Asahi Kasei Corporation (Japan)
- 2.3.4 Aquafil SpA (Italy)
- 2.3.5 Ascend Performance Materials (United States)
- 2.3.6 BASF SE (Germany)
- 2.3.7 Bhansali Engineering Polymers Limited (India)
- 2.3.8 Celanese Corporation (United States)
- 2.3.9 Chang Chun Plastics Co., Ltd. (Taiwan)
- 2.3.10 CHIMEI Corporation (Taiwan)
- 2.3.11 China BlueChemical Ltd. (China)
- 2.3.12 Covestro AG (Germany)
- 2.3.13 Delrin USA, LLC (United States)
- 2.3.14 Denka Company Limited (Japan)
- 2.3.15 Domo Chemicals Services NV (Belgium)
- 2.3.16 EMS-CHEMIE AG (EMS-GRIVORY) (Switzerland)
- 2.3.17 Envalior GmbH (Germany)
- 2.3.18 Formosa Plastics Group (Taiwan)
- 2.3.19 Fujian Meizhouwan Chlor-Alkali Industry Co., Ltd. (China)
- 2.3.20 Ghaed Basir Petrochemical Products Company (Iran)
- 2.3.21 Global Polyacetal Co., Ltd. (Japan)
- 2.3.22 Grand Pacific Petrochemical Corporation (Taiwan)
- 2.3.23 Grodno Azot Khimvolokno Plant JSC (Belarus)
- 2.3.24 Grupa Azoty SA (Poland)
- 2.3.25 Guangdong Xinhui Meida Nylon Co., Ltd. (China)
- 2.3.26 Gujarat State Fertilizers & Chemicals Ltd. (India)
- 2.3.27 Hainan Huasheng New Material Technology Co., Ltd. (China)
- 2.3.28 Hangzhou Juheshun New Materials Co., Ltd. (China)
- 2.3.29 Heilongjiang Zhongmeng Longxin Chemical Co., Ltd. (China)
- 2.3.30 Henan Energy And Chemical Group Co., Ltd. (China)
- 2.3.31 Henan Pingmei Shenma Polycarbonate Material Co., Ltd. (China)
- 2.3.32 Highsun Holding Group Co., Ltd. (China)
- 2.3.33 Huaфон Group Co., Ltd. (China)
- 2.3.34 INEOS Styrolution Group GmbH (Germany)
- 2.3.35 Invista (United States)
- 2.3.36 IRPC Public Company Limited (Thailand)
- 2.3.37 Jam Petrochemical Company (Iran)
- 2.3.38 Jiangsu Heshili New Material Co., Ltd. (China)
- 2.3.39 Kazanorgsintez PJSC (Russia)
- 2.3.40 Keyuan Holding Group Co., Ltd. (China)
- 2.3.41 Khuzestan Petrochemical Company (Iran)
- 2.3.42 Kolon Plastics Inc (South Korea)
- 2.3.43 Korea Engineering Plastics Co., Ltd. (South Korea)
- 2.3.44 Kuibyshevazot OJSC (Russia)
- 2.3.45 Kumho Petrochemical Co., Ltd. (South Korea)

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- 2.3.46 Kuraray Co., Ltd. (Japan)
- 2.3.47 LG Chem Ltd (South Korea)
- 2.3.48 Liaoning Kingfa Advanced Materials Co., Ltd. (China)
- 2.3.49 Lihuayi Weiyuan Chemical Co., Ltd. (China)
- 2.3.50 Lotte Chemical Corporation (South Korea)
- 2.3.51 LyondellBasell Industries (United States)
- 2.3.52 Mitsubishi Chemical Corporation (Japan)
- 2.3.53 Mitsubishi Engineering Plastics Corporation (Japan)
- 2.3.54 NILIT Ltd. (Israel)
- 2.3.55 North Huajin Chemical Industry Group Co., Ltd. (China)
- 2.3.56 Nurel, S.A. (Spain)
- 2.3.57 Nylon Corporation of America, Inc. (United States)
- 2.3.58 Petrochemical Conversion Company (Saudi Arabia)
- 2.3.59 Petrochina Company Limited (China)
- 2.3.60 Plaskolite, Inc (United States)
- 2.3.61 Polymeric Resources Corporation (Nylene) (United States)
- 2.3.62 Polyplastics Co., Ltd. (Japan)
- 2.3.63 Rabigh Refining & Petrochemical Co. (Saudi Arabia)
- 2.3.64 Radici Partecipazioni SpA (Italy)
- 2.3.65 Rohm GmbH (Germany)
- 2.3.66 Romira GmbH
- 2.3.67 Sasa Polyester Sanayi A.S. (Turkey)
- 2.3.68 Saudi Basic Industries Corporation (SABIC) (Saudi Arabia)
- 2.3.69 Shandong Weijiao Holding Group Co., Ltd. (China)
- 2.3.70 Shandong Yulong Petrochemical Co., Ltd. (China)
- 2.3.71 Shenma Industrial Co., Ltd. (China)
- 2.3.72 Shinkong Synthetic Fibers Corporation (Taiwan)
- 2.3.73 Sichuan Zhonglan Guosu New Materials Technology Co., Ltd. (China)
- 2.3.74 Sinochem Holdings Corporation Ltd. (China)
- 2.3.75 Sinolong New Materials Co., Ltd. (China)
- 2.3.76 Sinopec Shanghai Gaoqiao Petrochemical Co., Ltd. (China)
- 2.3.77 Sinopec Yizheng Chemical Fibre Limited Liability Company (China)
- 2.3.78 Sipchem Company (Saudi Arabia)
- 2.3.79 Styrenix Performance Materials Limited (India)
- 2.3.80 Sumitomo Chemical Co Ltd (Japan)
- 2.3.81 Supreme Petrochem Ltd (India)
- 2.3.82 Tabriz Petrochemical Company (Iran)
- 2.3.83 Taita Chemical Company Limited (Taiwan)
- 2.3.84 Tangshan Zhonghao Chemical Co., Ltd. (China)
- 2.3.85 Techno-UMG Co., Ltd. (Japan)
- 2.3.86 Teijin Limited (Japan)
- 2.3.87 Tianjin Dagu Chemical Co., Ltd. (China)
- 2.3.88 Toray Industries, Inc. (Japan)
- 2.3.89 Toyobo Co., Ltd. (Japan)
- 2.3.90 Trinseo LLC (United States)
- 2.3.91 UBE Corporation (Japan)
- 2.3.92 Unitika Ltd (Japan)

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- 2.3.93 Versalis SpA (Italy)
- 2.3.94 Wanhua Chemical Group Co., Ltd. (China)
- 2.3.95 Wuxi Xingsheng New Material Technology Co., Ltd (China)
- 2.3.96 Xinjiang Blue Ridge Tunhe Sci.&Tech. Co., Ltd. (China)
- 2.3.97 Yankuang Lunan Chemical Co., Ltd. (China)
- 2.3.98 Yingkou Kanghui Petrochemical Co., Ltd. (China)
- 2.3.99 Yunnan Yuntianhua Co Ltd (China)
- 2.3.100 Zhejiang Petroleum & Chemical Co., Ltd. (China)
- 2.3.101 Zig Sheng Industry Co., Ltd. (Taiwan)

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