

Polyoxymethylene (POM or Polyacetal) – A Global Market Overview

“The report reviews, analyzes and projects the global market for Polyoxymethylene (POM or Polyacetal) for the period 2019-2028. The report explores the end-use applications of Polyoxymethylene (POM) comprising Appliances, Automotive & Transportation, Consumer Goods, Electrical & Electronics, Industrial and Others (including medical and packaging).”

Published: April 2023

Report Code: CP114

Pages: 235

Charts: 196

Price: \$4500 Single User License, \$7200 Enterprise License

Report Synopsis

Polyoxymethylene (POM) is commonly used as a direct replacement for metals due to its stiffness, dimensional stability and corrosion resistance and is widely used in the production of precision parts for applications including automotive, electrical & electronics, industrial and medical. POM resins are available in homopolymer and copolymer formats, with acetal copolymers offering high toughness over a wide range of temperatures, with greater resistance to hot water, hot air, and creep, as against homopolymers. However, homopolymers offer better mechanical and thermal properties.

Demand for polyoxymethylene (POM) worldwide was declined by 5.2% year-over-year in 2020 due to reduction in demand from automotive & transportation and industrial applications amid the impact of coronavirus pandemic. Global demand for polyoxymethylene (POM) recovered in 2021 and continued the momentum through 2022 there by registering a volume CAGR of 1.9% during 2019-2022 period attributed to firm demand from electronics, appliances and medical sectors and recovery in automobile production.

Research Findings & Coverage

- Global market for Polyoxymethylene (POM) is analyzed in this report with respect to major end-use applications
- The study exclusively analyzes the production capacities for PMMA by major players and key regions for the recent past and immediate future
- COVID-19 impact analysis has been covered for each major application area
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 16
- The industry guide includes the contact details for 30 companies

Product Outline

The market for end-use applications of POM studied in this report comprise the following:

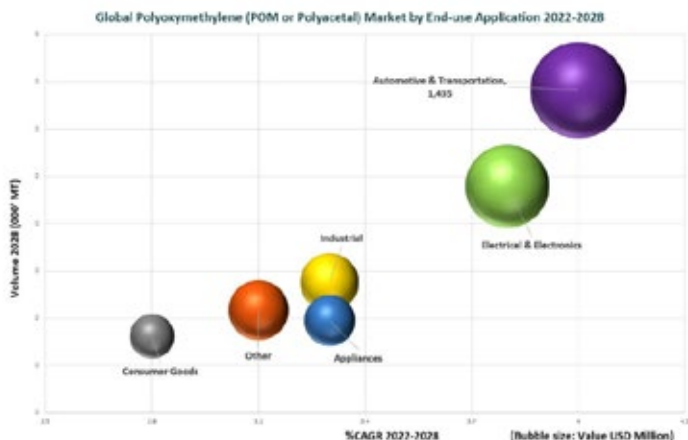
- Automotive & Transportation
- Electrical & Electronics
- Industrial
- Consumer Goods
- Appliances
- Others

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global POM market for the period 2019-2028 in terms of volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2022 through 2028

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, Japan, India, South Korea, Taiwan, Thailand and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World** (Middle East and Africa)



Source: Industry Experts, Inc. <https://industry-experts.com>

SAMPLE COMPANY PROFILE

DUPONT DE NEMOURS, INC.

Chestnut Run Plaza, 974 Centre Road,
P.O. Box 2915, Wilmington, DE 19805
United States
Phone: 302 774-1000, 302 774-3034
Website: www.dupont.com

Business Profile

Founded in 1915 as E. I. du Pont de Nemours and Company, DuPont de Nemours, Inc (DuPont) was formed in 2019 after the separation of materials science business from DowDuPont, Inc. In 2015, The Dow Chemical Company and E. I. du Pont de Nemours and Company have merged to form DowDuPont, Inc. DuPont is a multi-industry focused specialty materials and solutions company serving various industries including electronics, transportation, building and construction, healthcare and worker safety. The Company has subsidiaries in about 60 countries worldwide and manufacturing operations in about 40 countries. DuPont's worldwide operations are managed through three global business segments: Electronics & Industrial; Mobility & Materials; and Water & Protection. The Company's Mobility & Materials and Electronics & Industrial segments produce and supply engineering and high-performance polymers, adhesives, specialty pastes and films.

DuPont recently spun off its Fluoropolymers business line as a separate company, The Chemours Company, but kept the Polyvinyl fluoride (PVF) resin and films product line. The PVF product line is offered under the brand Tedlar. DuPont invented the polyvinyl fluoride (PVF) polymer in the 1940s and by the 1950s began developing products based on the material. In 1961, DuPont registered the Tedlar® brand name in the US and construction started on its first production facility at Fayetteville, North Carolina. The annual Tedlar film extrusion capacity in the United States is 6,500 MT, while the capacity for PVF resin production is 6,800 MT. Currently, DuPont operates two PVF resin production plants at Fayetteville, North Carolina (4,500 MT/year) and Louisville, Kentucky (2,300 MT/year), and Tedlar film production lines at Circleville, Ohio (4,000 MT/year) and Buffalo, New York (2,500 MT/year).

In November 2022, DuPont has divested its Mobility & Materials business to Celanese corporation which includes select product lines consisting of Zytel® polyamides PA66 and PA6, Crastin® polybutylene terephthalate PBT, Rynite® modified polyethylene terephthalate (PET), Zytel® HTN (PPA) high-performance polyamides, Zytel® LCPA long-chain polyamides, thermoplastic elastomers. DuPont is separately advancing the process to divest the Delrin® POM business and targeting a closing date for the sale in the first quarter 2023.

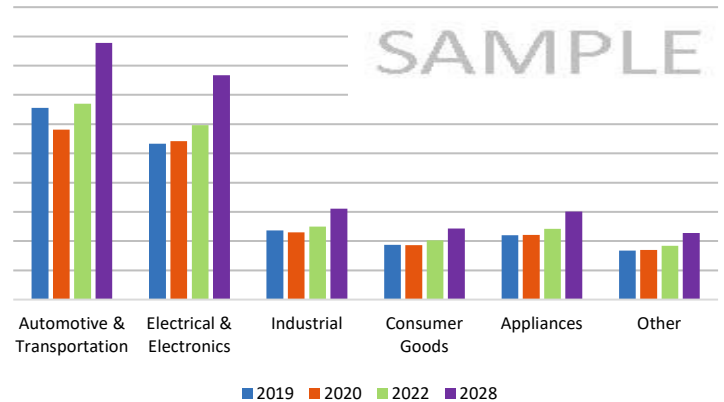
.....more

SAMPLE TABLE/CHART

Glance at 2022 Global Polyoxymethylene (POM) Volume Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Polyoxymethylene (POM) Market Analysis (2019-2028) by End-use Application - Automotive & Transportation, Electrical & Electronics, Industrial, Consumer Goods, Appliances and Other in Thousand Metric Tons



KEY PLAYERS PROFILED

- Asahi Kasei Corporation
- BASF SE
- Celanese Corporation
- China Bluechemical Ltd.
- DuPont De Nemours, Inc.
- Formosa Plastics Group
- Henan Energy and Chemical Group Co., Ltd.
- Kolon Plastics Inc
- Korea Engineering Plastics Co., Ltd.
- LG Chem Ltd
- Mitsubishi Gas Chemical Company, Inc.
- Polyplastics Co., Ltd.
- Saudi Basic Industries Corporation (SABIC)
- Tangshan Zhonghao Chemical Co., Ltd.
- Yankuang Lunan Chemical Co., Ltd.
- Yunnan Yuntianhua Co Ltd

.....more

TABLE OF CONTENTS

PART A: GLOBAL MARKET PERSPECTIVE..... 1

1. INTRODUCTION1

1.1 Market Trends and Forecast	3
1.1.1 COVID-19 Pandemic Impact on Polyoxymethylene (POM) Market	3
1.2 Product Outline.....	6
1.2.1 Polyoxymethylene (POM)	6
1.2.2 Applications of Polyoxymethylene (POM).....	7
1.2.2.1 Appliances.....	7
1.2.2.2 Automotive & Transportation.....	8
1.2.2.3 Consumer Goods	8
1.2.2.4 Electrical & Electronics.....	8
1.2.2.5 Industrial.....	8
1.2.2.6 Other Applications	9

2. INDUSTRY LANDSCAPE.....10

2.1 Production Capacity.....	10
2.1.1 Global Polyoxymethylene (POM) Resin Production Capacity.....	10
2.1.2 Global Polyoxymethylene (POM) Resin Production Capacity by Geographic Region.....	12
2.1.3 Global Polyoxymethylene (POM) Resin Production Capacity by Country	13

2.2 Company Profiles.....14

Asahi Kasei Corporation (Japan)	14
BASF SE (Germany).....	15
Celanese Corporation (United States)	16
China Bluechemical Ltd. (China)	18
DuPont De Nemours, Inc. (United States).....	19
Formosa Plastics Group (Taiwan)	20
Henan Energy and Chemical Group Co., Ltd. (China)	21
Kolon Plastics Inc (South Korea)	22
Korea Engineering Plastics Co., Ltd. (South Korea)	23
LG Chem Ltd (South Korea).....	24
Mitsubishi Gas Chemical Company, Inc. (Japan).....	25
Polyplastics Co., Ltd. (Japan).....	27
Saudi Basic Industries Corporation (SABIC) (Saudi Arabia)	29
Tangshan Zhonghao Chemical Co., Ltd. (China)	30
Yankuang Lunan Chemical Co., Ltd. (China)	30
Yunnan Yuntianhua Co Ltd (China)	31

3. KEY BUSINESS AND PRODUCT TRENDS32

4. GLOBAL MARKET OVERVIEW.....34

4.1 Global Polyoxymethylene (POM) Market Overview by End-use Application	35
4.1.1 Polyoxymethylene (POM) End-use Application Market Analysis by Geographic Region.....	39
4.1.1.1 Automotive & Transportation.....	39
4.1.1.2 Electrical & Electronics.....	43
4.1.1.3 Industrial Applications	47
4.1.1.4 Appliances.....	51
4.1.1.5 Consumer Goods	55
4.1.1.6 Other End-use Applications	59

PART B: REGIONAL MARKET PERSPECTIVE ... 63

Global Polyoxymethylene (POM) Market Overview by Geographic Region.....	63
---	----

REGIONAL MARKET OVERVIEW.....67

5. NORTH AMERICA67

5.1 North American Polyoxymethylene (POM) Resin Production Capacity.....	68
5.2 North American Polyoxymethylene (POM) Market Overview by Geographic Region	69
5.3 North American Polyoxymethylene (POM) Market Overview by End-use Application	73

5.4 Country-wise Analysis of North American Polyoxymethylene (POM) Market	77
---	----

5.4.1 The United States.....77

5.4.1.1 United States Polyoxymethylene (POM) Market Overview by End-use Application.....	78
--	----

5.4.2 Canada.....82

5.4.2.1 Canada Polyoxymethylene (POM) Market Overview by End-use Application	83
--	----

5.4.3 Mexico.....87

5.4.3.1 Mexico Polyoxymethylene (POM) Market Overview by End-use Application	88
--	----

6. EUROPE92

6.1 European Polyoxymethylene (POM) Resin Production Capacity.....	93
--	----

6.2 European Polyoxymethylene (POM) Market Overview by Geographic Region.....	94
---	----

6.3 European Polyoxymethylene (POM) Market Overview by End-use Application	98
--	----

6.4 Country-wise Analysis of European Polyoxymethylene (POM) Market	102
---	-----

6.4.1 France.....102

6.4.1.1 France Polyoxymethylene (POM) Market Overview by End-use Application	103
--	-----

6.4.2 Germany.....107

6.4.2.1 Germany Polyoxymethylene (POM) Market Overview by End-use Application	108
---	-----

6.4.3 Italy.....112

6.4.3.1 Italy Polyoxymethylene (POM) Market Overview by End-use Application	113
---	-----

6.4.4 The Netherlands.....117

6.4.4.1 Netherlands Polyoxymethylene (POM) Market Overview by End-use Application	118
---	-----

6.4.5 Russia122

6.4.5.1 Russia Polyoxymethylene (POM) Market Overview by End-use Application	123
--	-----

6.4.6 Spain.....127

6.4.6.1 Spain Polyoxymethylene (POM) Market Overview by End-use Application	128
---	-----

6.4.7 The United Kingdom.....132

6.4.7.1 United Kingdom Polyoxymethylene (POM) Market Overview by End-use Application.....	133
---	-----

6.4.8 Rest of Europe.....137

6.4.8.1 Rest of Europe Polyoxymethylene (POM) Market Overview by End-use Application.....	138
---	-----

7. ASIA-PACIFIC.....142

7.1 Asia-Pacific Polyoxymethylene (POM) Resin Production Capacity.....	143
--	-----

7.2 Asia-Pacific Polyoxymethylene (POM) Market Overview by Geographic Region.....	146
---	-----

7.3 Asia-Pacific Polyoxymethylene (POM) Market Overview by End-use Application	150
--	-----

7.4 Country-wise Analysis of Asia-Pacific Polyoxymethylene (POM) Market	154
---	-----

7.4.1 China154

7.4.1.1 China Polyoxymethylene (POM) Market Overview by End-use Application	155
---	-----

7.4.2 India159

7.4.2.1 India Polyoxymethylene (POM) Market Overview by End-use Application	160
---	-----

7.4.3 Japan164

7.4.3.1 Japan Polyoxymethylene (POM) Market Overview by End-use Application	165
---	-----

7.4.4 South Korea169

7.4.4.1 South Korea Polyoxymethylene (POM) Market Overview by End-use Application	170
---	-----

7.4.5 Taiwan174

7.4.5.1 Taiwan Polyoxymethylene (POM) Market Overview by End-use Application	175
--	-----

7.4.6 Thailand179

7.4.6.1 Thailand Polyoxymethylene (POM) Market Overview by End-use Application	180
--	-----

7.4.7 Rest of Asia-Pacific184

7.4.7.1 Rest of Asia-Pacific Polyoxymethylene (POM) Market Overview by End-use Application.....	185
---	-----

8. SOUTH AMERICA.....189

8.1 South America Polyoxymethylene (POM) Market Overview by Geographic Region.....	190
--	-----

8.2 South America Polyoxymethylene (POM) Market Overview by End-use Application	194
---	-----

8.3 Country-wise Analysis of South America Polyoxymethylene (POM) Market	198
--	-----

8.3.1 Argentina198

8.3.1.1 Argentina Polyoxymethylene (POM) Market Overview by End-use Application	199
---	-----

8.3.2 Brazil.....203

8.3.2.1 Brazil Polyoxymethylene (POM) Market Overview by End-use Application	204
--	-----

8.3.3 Rest of South America208

8.3.3.1 Rest of South America Polyoxymethylene (POM) Market Overview by End-use Application ..	209
--	-----

9. REST OF WORLD.....213

9.1 Rest of World Polyoxymethylene (POM) Market Overview by Geographic Region	214
---	-----

9.2 Rest of World Polyoxymethylene (POM) Market Overview by End-use Application	218
---	-----

9.3 Region-wise analysis of Rest of World Polyoxymethylene (POM) Market	222
---	-----

9.3.1 Middle East222

9.3.1.1 Middle East Polyoxymethylene (POM) Market Overview by End-use Application	223
---	-----

9.3.2 Africa227

9.3.2.1 Africa Polyoxymethylene (POM) Market Overview by End-use Application	228
--	-----

PART C: GUIDE TO THE INDUSTRY.....232

1. NORTH AMERICA	232
------------------------	-----

2. EUROPE.....	232
----------------	-----

3. ASIA-PACIFIC.....	232
----------------------	-----

4. REST OF WORLD	233
------------------------	-----

PART D: ANNEXURE234

1. RESEARCH METHODOLOGY	234
-------------------------------	-----

2. FEEDBACK	236
-------------------	-----

About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

[More about Industry Experts](#)



Industry Experts, Inc.

451 W Bonita Ave, Suite #10
San Dimas, CA 91710
Greater Los Angeles, United States
Phone: +1-320-iXPERTS (497-3787)

Email: info@industry-experts.com

India Office

1-7-19/C, Street No. 8, Habsiguda
Hyderabad – 500007
India
Phone: +91-40-2715-7746

Website: <https://industry-experts.com>