

Polyphenylene Oxide (PPO) Market Size, Share & Trends Analysis Report By Application (Electronic Components, Fluid Handling, Air Separation Membranes, Medical Instruments, Automotive), And Segment Forecasts, 2018 - 2025

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Abstracts

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The global polyphenylene oxide (PPO) market size is projected to reach USD 2.27 billion by 2025, according to a new report by Grand View Research, Inc., expanding at a CAGR of 5.3% during the forecast period. Rising demand from end-user industries such as automotive and electronics & electrical.

Globally, surging demand for electronic products such as outlet boxes, smoke detectors, and lighting is poised to boost the growth of the PPO market. Improving living standards coupled with increasing per capita disposable income is estimated to positively impact the market over the forecast years. Burgeoning automotive manufacturing in Latin America and Asia Pacific is expected to stimulate the growth of the market.

Rising consumer awareness regarding new technologies in emerging economies is anticipated to fuel the demand for advanced electronic components. Increasing trade of electronic devices among countries is anticipated to unfold immense growth opportunities for market players.

Electronic components emerged as the leading application segment in the polyphenylene oxide market. Major products where electronic components are used are relay housings, pump housing/impellers, connectors, bobbins, circuit breakers, motor

brush cards, coil encapsulation, fans and blowers, heat exchangers, thermostat housings, and large and small appliances.

Increasing PPO application in the electrical and electronics industry such as TV output transformer, air conditioning control boxes, deflection yoke and bobbins are slated to stoke the growth of the market. Asia Pacific is the leading regional market, with a global volume share estimated at over 50.0% in 2017. Favorable economic policies coupled with entry of global plastic manufacturers are supporting the growth of the market in Asia Pacific.

A well-established electrical & electronics manufacturing base in China, Taiwan, and South Korea coupled with a strong chemical manufacturing base in India is likely to trigger the adoption of polyphenylene oxide. China being the major market has witnessed tremendous growth in end-use industries.

Further key findings from the report suggest:

In terms of revenue, the automotive application is expected to rise at a CAGR of 4.1% from 2018 to 2025 owing to growing automotive production in emerging economies

The U.S. polyphenylene oxide market is anticipated to exceed 85 kilo tons by 2025, owing to presence of a large number of automotive companies and rapidly increasing shale gas operations

The PPO market is moderately concentrated owing to presence of both large as well as small players

Some of the key companies present in the market are BASF, SABIC, Mitsubishi Chemical Holdings Corp., Sumitomo Chemicals, Momentive Performance Materials, LyondellBasell, Polyplastics Co. Ltd., Asahi Kasei Chemicals Corp., and Solvay SA.

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research methodology
- 1.2 Research scope and assumptions
- 1.3 List of data sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market snapshot

CHAPTER 3 POLYPHENYLENE OXIDE MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market segmentation
- 3.2 Penetration and Growth Prospect Mapping
 - 3.2.1 PPO Industry-Historical Developments
- 3.3 Polyphenylene Oxide value chain analysis
 - 3.3.1 Key Manufacturing Equipment Suppliers
 - 3.3.2 Distribution Channels
 - 3.3.3 Value Addition and Profit Margin
- 3.4 Regulatory Framework
 - 3.4.1 FDA
 - 3.4.2 European Union
- 3.5 Technology Overview
 - 3.5.1 Production Cost Analysis
 - 3.5.1.1 Capital Cost Breakdown
 - 3.5.1.2 Operational Cost Analysis
- 3.6 Price Trend Analysis
- 3.7 Polyphenylene Oxide market dynamics
 - 3.7.1 Market driver analysis
 - 3.7.1.1 Increasing demand for electronic components
 - 3.7.1.2 Increasing demand for automotive components
 - 3.7.2 Market restraint analysis
 - 3.7.2.1 Volatile raw material prices
- 3.8 Key opportunities prioritized
- 3.9 Industry analysis - Porter's
- 3.10 Polyphenylene Oxide PESTEL analysis

CHAPTER 4 POLYPHENYLENE OXIDE MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 4.1 Application market introduction, 2017 & 2025
- 4.2 Air Separation Membranes
 - 4.2.1 Market estimates & forecast, 2014 - 2025
- 4.3 Medical Instruments
 - 4.3.1 Market estimates & forecast, 2014 - 2025
- 4.4 Domestic Appliances
 - 4.4.1 Market estimates & forecast, 2014 - 2025
- 4.5 Automotive (Structural Components)
 - 4.5.1 Market estimates & forecast, 2014 - 2025
- 4.6 Electronic Components
 - 4.6.1 Market estimates & forecast, 2014 - 2025
- 4.7 Fluid Handling
 - 4.7.1 Market estimates & forecast, 2014 - 2025

CHAPTER 5 POLYPHENYLENE OXIDE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 5.1 Regional market introduction, 2017 & 2025
- 5.2 North America
 - 5.2.1 Market estimates & forecast, 2014 - 2025
 - 5.2.2 Market estimates & forecast, by application, 2014 - 2025
 - 5.2.3 U.S.
 - 5.2.3.1 Market estimates & forecast, 2014 - 2025
 - 5.2.3.2 Market estimates & forecast, by application, 2014 - 2025
 - 5.2.4 Canada
 - 5.2.4.1 Market estimates & forecast, 2014 - 2025
 - 5.2.4.2 Market estimates & forecast, by application, 2014 - 2025
- 5.3 Europe
 - 5.3.1 Market estimates & forecast, 2014 - 2025
 - 5.3.2 Market estimates & forecast, by application, 2014 - 2025
 - 5.3.3 Germany
 - 5.3.3.1 Market estimates & forecast, 2014 - 2025
 - 5.3.3.2 Market estimates & forecast, by product, 2014 - 2025
 - 5.3.4 U.K.
 - 5.3.4.1 Market estimates & forecast, 2014 - 2025
 - 5.3.4.2 Market estimates & forecast, by application, 2014 - 2025

5.3.5 France

5.3.5.1 Market estimates & forecast, 2014 - 2025

5.3.5.2 Market estimates & forecast, by application, 2014 - 2025

5.4 Latin America

5.4.1 Market estimates & forecast, 2014 - 2025

5.4.2 Market estimates & forecast, by application, 2014 - 2025

5.4.3 Mexico

5.4.3.1 Market estimates & forecast, 2014 - 2025

5.4.3.2 Market estimates & forecast, by application, 2014 - 2025

5.4.4 Brazil

5.4.4.1 Market estimates & forecast, 2014 - 2025

5.4.4.2 Market estimates & forecast, by application, 2014 - 2025

5.5 Asia Pacific

5.5.1 Market estimates & forecast, 2014 - 2025

5.5.2 Market estimates & forecast, by application, 2014 - 2025

5.5.3 China

5.5.3.1 Market estimates & forecast, 2014 - 2025

5.5.3.2 Market estimates & forecast, by application, 2014 - 2025

5.5.4 India

5.5.4.1 Market estimates & forecast, 2014 - 2025

5.5.4.2 Market estimates & forecast, by application, 2014 - 2025

5.5.5 Japan

5.5.5.1 Market estimates & forecast, 2014 - 2025

5.5.5.2 Market estimates & forecast, by application, 2014 - 2025

5.5.6 South Korea

5.5.6.1 Market estimates & forecast, 2014 - 2025

5.5.6.2 Market estimates & forecast, by application, 2014 - 2025

5.5.7 Taiwan

5.5.7.1 Market estimates & forecast, 2014 - 2025

5.5.7.2 Market estimates & forecast, by application, 2014 - 2025

5.6 Middle East & Africa (MEA)

5.6.1 Market estimates & forecast, 2014 - 2025

5.6.2 Market estimates & forecast, by application, 2014 - 2025

5.6.3 Saudi Arabia

5.6.3.1 Market estimates & forecast, 2014 - 2025

5.6.3.2 Market estimates & forecast, by application, 2014 - 2025

CHAPTER 6 COMPETITIVE LANDSCAPE

- 6.1 Company Heat Map Analysis
- 6.2 Vendor landscape
- 6.3 Competitive environment
- 6.4 Strategy framework

CHAPTER 7 COMPANY PROFILES

7.1 BASF SE

- 7.1.1 Company Overview
- 7.1.2 Financial Performance
- 7.1.3 Product Benchmarking
- 7.1.4 Strategic Initiatives

7.2 SABIC

- 7.2.1 Company Overview
- 7.2.2 Financial Performance
- 7.2.3 Product Benchmarking
- 7.2.4 Strategic Initiatives

7.3 LyondellBasell Industries, N.V.

- 7.3.1 Company Overview
- 7.3.2 Financial Performance
- 7.3.3 Product Benchmarking
- 7.3.4 Strategic Initiatives

7.4 Sumitomo Chemicals

- 7.4.1 Company Overview
- 7.4.2 Financial Performance
- 7.4.3 Product Benchmarking
- 7.4.4 Strategic Initiatives

7.5 Asahi Kasei Plastics

- 7.5.1 Company Overview
- 7.5.2 Financial Performance
- 7.5.3 Product Benchmarking
- 7.5.4 Strategic Initiative

7.6 Solvay

- 7.6.1 Company Overview
- 7.6.2 Financial Performance
- 7.6.3 Product Benchmarking
- 7.6.4 Strategic Initiative

7.7 Mitsubishi Chemicals

- 7.7.1 Company Overview

- 7.7.2 Financial Performance
- 7.7.3 Product Benchmarking
- 7.7.4 Strategic Initiative
- 7.8 Kingfa Sci. & Tech Co. Ltd.
 - 7.8.1 Company Overview
 - 7.8.2 Financial Performance
 - 7.8.3 Product Benchmarking
- 7.9 Polyplastics
 - 7.9.1 Company Overview
 - 7.9.2 Financial Performance
 - 7.9.3 Product Benchmarking
- 7.10 Momentive Performance Materials
 - 7.10.1 Company Overview
 - 7.10.2 Financial Performance
 - 7.10.3 Product Benchmarking
 - 7.10.4 Strategic Initiative
- 7.11 Evonik Group
 - 7.11.1 Company Overview
 - 7.11.2 Financial Performance
 - 7.11.3 Product Benchmarking
 - 7.11.4 Strategic Initiative
- 7.12 China National Bluestar Co. Ltd.
 - 7.12.1 Company Overview
 - 7.12.2 Financial Performance
 - 7.12.3 Product Benchmarking
 - 7.12.4 Strategic Initiative
- 7.13 TORAY
 - 7.13.1 Company Overview
 - 7.13.2 Financial Performance
 - 7.13.3 Product Benchmarking

List Of Tables

LIST OF TABLES

Table 1 World Demand for PPO, 2008 - 2010 (Tons)

Table 2 Profit Margin Analysis

Table 3 Polyphenylene Oxide market estimates & forecast, in air separation membrane, 2014 - 2025 (Kilo Tons) (USD Million)

Table 4 Polyphenylene Oxide market estimates & forecast, in medical instruments, 2014 - 2025 (Kilo Tons) (USD Million)

Table 5 Polyphenylene Oxide market estimates & forecast, in domestic appliances, 2014 - 2025 (Kilo Tons) (USD Million)

Table 6 Polyphenylene Oxide market estimates & forecast, in automotive, 2014 - 2025 (Kilo Tons) (USD Million)

Table 7 Polyphenylene Oxide market estimates & forecast, in electronic components, 2014 - 2025 (Kilo Tons) (USD Million)

Table 8 Polyphenylene Oxide market estimates & forecast, in fluid handling, 2014 - 2025 (Kilo Tons) (USD Million)

Table 9 North America Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 10 North America Compounds market volume, by application, 2014 - 2025 (Kilo Tons)

Table 11 North America Compounds market revenue, by application, 2014 - 2025 (USD Million)

Table 12 U.S. Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 13 U.S. Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 14 U.S. Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 15 Canada Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 16 Canada Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 17 Canada Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 18 Europe Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 19 Europe Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo

Tons)

Table 20 Europe Polyphenylene Oxide market volume, by application, 2014 - 2025 (USD Million)

Table 21 Germany Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 22 Germany Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 23 Germany Polyphenylene Oxide market volume, by application, 2014 - 2025 (USD Million)

Table 24 U.K. Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 25 U.K. Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 26 U.K. Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 27 France Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 28 France Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 29 France Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 30 Latin America Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 31 Latin America Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 32 Latin America Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 33 Mexico Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 34 Mexico Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 35 Mexico Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 36 Brazil Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 37 Brazil Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 38 Brazil Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 39 Asia Pacific Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 40 Asia Pacific Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 41 Asia Pacific Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 42 China Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 43 China Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 44 China Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 45 India Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 46 India Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 47 India Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 48 Japan Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 49 Japan Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 50 Japan Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 51 South Korea Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 52 South Korea Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 53 South Korea Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 54 Taiwan Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 55 Taiwan Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 56 Taiwan Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 57 MEA Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 58 MEA Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Tons)

Table 59 MEA Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 60 Saudi Arabia Polyphenylene Oxide market estimates & forecast, 2014 - 2025 (Kilo Tons) (USD Million)

Table 61 Saudi Arabia Polyphenylene Oxide market volume, by application, 2014 - 2025 (Kilo Tons)

Table 62 Saudi Arabia Polyphenylene Oxide market revenue, by application, 2014 - 2025 (USD Million)

Table 63 Polyphenylene Oxide company heat map analysis

LIST OF FIGURES
Fig. 1 Compounds market snapshot

Fig. 2 Global compounds market segmentation

Fig. 3 Polyphenylene Oxide value chain analysis

Fig. 4 Polyphenylene Oxide Process Flowchart

Fig. 5 Polyphenylene Oxide Price Trend Analysis

Fig. 6 Polyphenylene Oxide market dynamics

Fig. 7 Polyphenylene Oxide - Market driver analysis

Fig. 8 Global electronics production, by product, (USD Million)

Fig. 9 Global smartphone unit shipments, by region, 2013 - 2016

Fig. 10 Global automobile demand, 2010 - 2018 (Million Units)

Fig. 11 Compounds - Market restraint analysis

Fig. 12 Avg. crude oil prices, 2014 - 2017 (Apr '17) (USD/barrel)

Fig. 13 Key opportunities prioritized

Fig. 14 Industry analysis - Porter's analysis

Fig. 15 Polyphenylene Oxide PESTEL analysis

Fig. 16 Polyphenylene Oxide market volume by application, 2017 & 2025

Fig. 17 Polyphenylene Oxide market volume by region, 2017 & 2025

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