

## **Modified Polyphenylene Ether (mPPE) - A Global Market Overview**

Market Report | 2024-01-22 | 188 pages | Industry Experts

### **AVAILABLE LICENSES:**

- Single user licence (PDF) \$4050.00
- Enterprise Electronic (PDF) \$6750.00

### **Report description:**

#### Report Synopsis

Polyphenylene Ether (PPE), also called Polyphenylene Oxide (PPO), is an amorphous engineering thermoplastic, which is rarely used in its pure form due to difficulties in processing and poor impact and heat resistance. It is mainly used as blend with polystyrene (PS) or polyamide (PA) and the resulting blend is called Modified Polyphenylene Ether (mPPE) or modified Polyphenylene Oxide (mPPO). Mixing it with polystyrene or polyamide in any ratio could compensate for the disadvantages of pure PPE resin. mPPE can also be filled with fillers such as glass fibers to selectively adjust its features for withstanding greater thermal and mechanical loads.

Modified Polyphenylene Ether (mPPE) is primarily used to produce molded components offering better thermal and dimensional stability and are widely used in applications such as automotive, appliances, office automation equipment and electrical & electronics. Medical applications of PPE are also common, specifically for producing instruments that need to be sterilized frequently. Automotive & Transportation and Electrical & Electronics industries are the leading consumers of mPPE worldwide with an estimated market share of around 29% each in 2023, followed by OA Equipment & Appliances estimated at 21%.

#### Research Findings & Coverage

- ☐- Modified Polyphenylene Ether (mPPE) global market analyzed in this report with respect to end-use applications across major geographic regions and key countries
- ☐- Global market share analysis for mPPE is provided based on the segmentation mentioned above; and current market size estimations and revenue projections given for the analysis period through 2029
- ☐- The report exclusively discussed the latest production capacities of major producers of mPPE
- ☐- The study discusses major growth trends, R&D, technology updates, statutory regulations and emerging applications of mPPE that influence the market growth, wherever applicable
- ☐- 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 164 charts/data tables covering market numbers by segment and regions with graphical representation for each table

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Brief business profiles of major companies covered - 7
- The industry guide includes the contact details for 22 companies

## Product Outline

The market for end-use applications of mPPE analyzed in this report includes:

- Automotive & Transportation
- Electrical & Electronics
- Industrial
- OA Equipment & Appliances
- Others

## Analysis Period, Units and Growth Rates

□- The report reviews, analyzes and projects the global Modified Polyphenylene Ether (mPPE) market for the period 2019-2029 in terms of 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)
- Middle East & Africa

## Table of Contents:

### TABLE OF CONTENTS

#### PART A: GLOBAL MARKET PERSPECTIVE

##### 1. INTRODUCTION

###### 1.1 Market Trends and Forecast

###### 1.2 Product Outline

###### 1.2.1 Modified Polyphenylene Ether (mPPE)/ Polyphenylene Oxide (mPPO)

PPE/PS blends

PPE/PP blends

PPE/PA blends

PPE/PPS blends

PPE/ PPA blends

PPE/TPE blends

###### 1.2.2 Main Features of Modified Polyphenylene Ether (mPPE)

###### 1.2.3 Modified Polyphenylene Ether (mPPE) Applications

###### 1.2.3.1 Automotive & Transportation

###### 1.2.3.2 Office Automation (OA) Equipment & Appliances

###### 1.2.3.3 Electrical & Electronics

###### 1.2.3.4 Industrial

###### 1.2.3.5 Other Applications

##### 2. INDUSTRY LANDSCAPE

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2.1 Production Capacity
- 2.2 Company Profiles
  - 2.2.1 Asahi Kasei Corporation (Japan)
  - 2.2.2 Polyxylenol Singapore Pte. Ltd
    - Asahi Kasei Bluestar (Nantong) Engineering Plastics Manufacturing Co., Ltd.
  - 2.2.3 LG Chem Ltd (South Korea)
  - 2.2.4 Mitsubishi Engineering Plastics Corporation (Japan)
    - Mitsubishi Gas Chemical Co., Inc.
  - 2.2.5 Romira GmbH
  - 2.2.6 Saudi Basic Industries Corporation (Sabic) (Saudi Arabia)
  - 2.2.7 Sinochem Holdings Corporation Ltd. (China)
    - Nantong Xingchen Synthetic Material Co., Ltd.

### 3. KEY BUSINESS AND PRODUCT TRENDS

### 4. GLOBAL MARKET OVERVIEW

- 4.1 Global Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
  - Volume Analysis
  - Value Analysis
    - 4.1.1 Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) End-use Application Market Analysis by Geographic Region
      - 4.1.1.1 Automotive & Transportation
        - Volume Analysis
        - Value Analysis
      - 4.1.1.2 Electrical & Electronics
        - Volume Analysis
        - Value Analysis
      - 4.1.1.3 Industrial Applications
        - Volume Analysis
        - Value Analysis
      - 4.1.1.4 OA Equipment & Appliances
        - Volume Analysis
        - Value Analysis
      - 4.1.1.5 Other End-use Applications
        - Volume Analysis
        - Value Analysis

### PART B: REGIONAL MARKET PERSPECTIVE

- Global Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by Geographic Region
  - Volume Analysis
  - Value Analysis

### REGIONAL MARKET OVERVIEW

### 5. NORTH AMERICA

- 5.1 North American Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by Geographic Region
  - Volume Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Value Analysis

5.2 North American Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

5.3 Country-wise Analysis of North American Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market

5.3.1 The United States

5.3.1.1 United States Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

5.3.2 Canada

5.3.2.1 Canada Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

5.3.3 Mexico

5.3.3.1 Mexico Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

6. EUROPE

6.1 European Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market overview by Geographic Region

Volume Analysis

Value Analysis

6.2 European Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

6.3 Country-wise Analysis of European Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market

6.3.1 France

6.3.1.1 France Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

6.3.2 Germany

6.3.2.1 Germany Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

6.3.3 Italy

6.3.3.1 Italy Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

6.3.4 The Netherlands

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.4.1 Netherlands Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
  - Volume Analysis
  - Value Analysis
- 6.3.5 Russia
  - 6.3.5.1 Russia Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
    - Volume Analysis
    - Value Analysis
- 6.3.6 Spain
  - 6.3.6.1 Spain Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
    - Volume Analysis
    - Value Analysis
- 6.3.7 The United Kingdom
  - 6.3.7.1 United Kingdom Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
    - Volume Analysis
    - Value Analysis
- 6.3.8 Rest of Europe
  - 6.3.8.1 Rest of Europe Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
    - Volume Analysis
    - Value Analysis
- 7. ASIA-PACIFIC
  - 7.1 Asia-Pacific Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by Geographic Region
    - Volume Analysis
    - Value Analysis
  - 7.2 Asia-Pacific Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
    - Volume Analysis
    - Value Analysis
  - 7.3 Country-wise Analysis of Asia-Pacific Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market
    - 7.3.1 China
      - 7.3.1.1 China Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
        - Volume Analysis
        - Value Analysis
    - 7.3.2. India
      - 7.3.2.1 India Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
        - Volume Analysis
        - Value Analysis
    - 7.3.3 Japan
      - 7.3.3.1 Japan Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application
        - Volume Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Value Analysis

### 7.3.4 South Korea

7.3.4.1 South Korea Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

### 7.3.5 Taiwan

7.3.5.1 Taiwan Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

### 7.3.6 Thailand

7.3.6.1 Thailand Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

### 7.3.7 Rest of Asia-Pacific

7.3.7.1 Rest of Asia-Pacific Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

## 8. SOUTH AMERICA

8.1 South America Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by Geographic Region

Volume Analysis

Value Analysis

8.2 South America Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Value Analysis

Value Analysis

8.3 Country-wise Analysis of South American Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market

### 8.3.1 Argentina

### 8.3.2 Brazil

8.3.2.1 Brazil Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

Volume Analysis

Value Analysis

### 8.3.3 Rest of South America

## 9. REST OF WORLD

9.1 Rest of World Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by Geographic Region

Volume Analysis

Value Analysis

9.2 Rest of World Modified Polyphenylene Ether/Polyphenylene Oxide (mPPE/PPO) Market Overview by End-use Application

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

Volume Analysis

Value Analysis

PART C: GUIDE TO THE INDUSTRY

1. NORTH AMERICA
2. EUROPE
3. ASIA-PACIFIC
4. REST OF WORLD

PART D: ANNEXURE

1. RESEARCH METHODOLOGY
2. FEEDBACK

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Modified Polyphenylene Ether (mPPE) - A Global Market Overview**

Market Report | 2024-01-22 | 188 pages | Industry Experts

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single user licence (PDF)	\$4050.00
	Enterprise Electronic (PDF)	\$6750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-22"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com