

# Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Poly(3,4-Ethylenedioxythiophene) (Pedot) market size is expected to reach \$ 57 million by 2029, rising at a market growth of 8.5% CAGR during the forecast period (2023-2029).

Global key players of Poly(3,4-Ethylenedioxythiophene) (Pedot) include Heraeus Group and Agfa-Gevaert Group. They hold a share over 98%.

Asia-Pacific is the largest market, has a share about 80%. In terms of product type, Aqueous Type is the largest segment, occupied for a share of 71%, and in terms of application, Flexible Display Device has a share about 45%.

Poly(3,4-ethylenedioxythiophene) (PEDOT) is a conducting polymer with good electrical and optoelectrical properties. It is often used in the fabrication of flexible electronic devices, including flexible batteries, flexible light-emitting diodes, and flexible sensors. PEDOT can also be used as a substitute for traditional cathodic materials in energy storage devices, such as lithium-ion batteries. The electrical conductivity and optical properties of PEDOT can be tuned by controlling the polymerization conditions. PEDOT has a high degree of conjugation in its structure, making it a good conductor of electricity, and its low band gap gives it excellent optoelectrical properties.

This report studies the global Poly(3,4-Ethylenedioxythiophene) (Pedot) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Poly(3,4-Ethylenedioxythiophene) (Pedot), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores

demand trends and competition, as well as details the characteristics of Poly(3,4-Ethylenedioxythiophene) (Pedot) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) total production and demand, 2018-2029, (Kg)

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) total production value, 2018-2029, (USD Million)

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) domestic production, consumption, key domestic manufacturers and share

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Kg)

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports profiles key players in the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Heraeus Group and Agfa-Gevaert Group etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Poly(3,4-Ethylenedioxythiophene) (Pedot) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kg) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Market, Segmentation by Type

Aqueous Type

Non-aqueous Type

Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Market, Segmentation by Application

Organic Solar Cell

Flexible Display Device

Sensor

Energy Storage

Others

Companies Profiled:

Heraeus Group

Agfa-Gevaert Group

Key Questions Answered

1. How big is the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market?
2. What is the demand of the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market?
3. What is the year over year growth of the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market?
4. What is the production and production value of the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market?
5. Who are the key producers in the global Poly(3,4-Ethylenedioxythiophene) (Pedot) market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Introduction
- 1.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Supply & Forecast
  - 1.2.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2029)
  - 1.2.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Pricing Trends (2018-2029)
- 1.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Region (Based on Production Site)
  - 1.3.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Region (2018-2029)
  - 1.3.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Region (2018-2029)
  - 1.3.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Region (2018-2029)
  - 1.3.4 Europe Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Poly(3,4-Ethylenedioxythiophene) (Pedot) Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Demand (2018-2029)
- 2.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption by Region
  - 2.2.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption by Region (2018-2023)
  - 2.2.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Forecast by Region (2024-2029)
- 2.3 United States Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.4 China Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.5 Europe Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.6 Japan Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.7 South Korea Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.8 ASEAN Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)
- 2.9 India Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029)

### **3 WORLD POLY(3,4-ETHYLENEDIOXYTHIOPHENE) (PEDOT) MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Manufacturer (2018-2023)

3.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Manufacturer (2018-2023)

3.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Manufacturer (2018-2023)

3.4 Poly(3,4-Ethylenedioxythiophene) (Pedot) Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Poly(3,4-Ethylenedioxythiophene) (Pedot) in 2022

3.5.3 Global Concentration Ratios (CR8) for Poly(3,4-Ethylenedioxythiophene) (Pedot) in 2022

3.6 Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Overall Company Footprint Analysis

3.6.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Region Footprint

3.6.2 Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Company Product Type Footprint

3.6.3 Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Comparison

4.1.1 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production

## Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Comparison

#### 4.2.1 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Comparison (2018 & 2022 & 2029)

#### 4.2.2 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Comparison

#### 4.3.1 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Comparison (2018 & 2022 & 2029)

#### 4.3.2 United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers and Market Share, 2018-2023

#### 4.4.1 United States Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (States, Country)

#### 4.4.2 United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value (2018-2023)

#### 4.4.3 United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023)

### 4.5 China Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers and Market Share

#### 4.5.1 China Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (Province, Country)

#### 4.5.2 China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value (2018-2023)

#### 4.5.3 China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023)

### 4.6 Rest of World Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers and Market Share, 2018-2023

#### 4.6.1 Rest of World Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (State, Country)

#### 4.6.2 Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value (2018-2023)

#### 4.6.3 Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023)

## 5 MARKET ANALYSIS BY TYPE



5.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Market Size Overview by Type:  
2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Aqueous Type

5.2.2 Non-aqueous Type

5.3 Market Segment by Type

5.3.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Type  
(2018-2029)

5.3.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Type  
(2018-2029)

5.3.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Type  
(2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Market Size Overview by  
Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Organic Solar Cell

6.2.2 Flexible Display Device

6.2.3 Sensor

6.2.4 Energy Storage

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Application  
(2018-2029)

6.3.2 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Application  
(2018-2029)

6.3.3 World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Application  
(2018-2029)

## **7 COMPANY PROFILES**

7.1 Heraeus Group

7.1.1 Heraeus Group Details

7.1.2 Heraeus Group Major Business

7.1.3 Heraeus Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Product and Services

7.1.4 Heraeus Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Production, Price,



Value, Gross Margin and Market Share (2018-2023)

7.1.5 Heraeus Group Recent Developments/Updates

7.1.6 Heraeus Group Competitive Strengths & Weaknesses

7.2 Agfa-Gevaert Group

7.2.1 Agfa-Gevaert Group Details

7.2.2 Agfa-Gevaert Group Major Business

7.2.3 Agfa-Gevaert Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Product and Services

7.2.4 Agfa-Gevaert Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Agfa-Gevaert Group Recent Developments/Updates

7.2.6 Agfa-Gevaert Group Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Industry Chain

8.2 Poly(3,4-Ethylenedioxythiophene) (Pedot) Upstream Analysis

8.2.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Core Raw Materials

8.2.2 Main Manufacturers of Poly(3,4-Ethylenedioxythiophene) (Pedot) Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Mode

8.6 Poly(3,4-Ethylenedioxythiophene) (Pedot) Procurement Model

8.7 Poly(3,4-Ethylenedioxythiophene) (Pedot) Industry Sales Model and Sales Channels

8.7.1 Poly(3,4-Ethylenedioxythiophene) (Pedot) Sales Model

8.7.2 Poly(3,4-Ethylenedioxythiophene) (Pedot) Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Region (2018-2023) & (USD Million)

Table 3. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Region (2024-2029) & (USD Million)

Table 4. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Region (2018-2023)

Table 5. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Region (2024-2029)

Table 6. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Region (2018-2023) & (Kg)

Table 7. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Region (2024-2029) & (Kg)

Table 8. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share by Region (2018-2023)

Table 9. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share by Region (2024-2029)

Table 10. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Region (2018-2023) & (US\$/Kg)

Table 11. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Region (2024-2029) & (US\$/Kg)

Table 12. Poly(3,4-Ethylenedioxythiophene) (Pedot) Major Market Trends

Table 13. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Kg)

Table 14. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption by Region (2018-2023) & (Kg)

Table 15. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Forecast by Region (2024-2029) & (Kg)

Table 16. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Poly(3,4-Ethylenedioxythiophene) (Pedot) Producers in 2022

Table 18. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Manufacturer (2018-2023) & (Kg)

Table 19. Production Market Share of Key Poly(3,4-Ethylenedioxythiophene) (Pedot) Producers in 2022

Table 20. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 21. Global Poly(3,4-Ethylenedioxythiophene) (Pedot) Company Evaluation Quadrant

Table 22. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Site of Key Manufacturer

Table 24. Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Company Product Type Footprint

Table 25. Poly(3,4-Ethylenedioxythiophene) (Pedot) Market: Company Product Application Footprint

Table 26. Poly(3,4-Ethylenedioxythiophene) (Pedot) Competitive Factors

Table 27. Poly(3,4-Ethylenedioxythiophene) (Pedot) New Entrant and Capacity Expansion Plans

Table 28. Poly(3,4-Ethylenedioxythiophene) (Pedot) Mergers & Acquisitions Activity

Table 29. United States VS China Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Comparison, (2018 & 2022 & 2029) & (Kg)

Table 31. United States VS China Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Comparison, (2018 & 2022 & 2029) & (Kg)

Table 32. United States Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023) & (Kg)

Table 36. United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share (2018-2023)

Table 37. China Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot)

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023) & (Kg)

Table 41. China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share (2018-2023)

Table 42. Rest of World Based Poly(3,4-Ethylenedioxythiophene) (Pedot) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2023) & (Kg)

Table 46. Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share (2018-2023)

Table 47. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Type (2018-2023) & (Kg)

Table 49. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Type (2024-2029) & (Kg)

Table 50. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Type (2018-2023) & (USD Million)

Table 51. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Type (2024-2029) & (USD Million)

Table 52. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Type (2018-2023) & (US\$/Kg)

Table 53. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Type (2024-2029) & (US\$/Kg)

Table 54. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Application (2018-2023) & (Kg)

Table 56. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production by Application (2024-2029) & (Kg)

Table 57. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Application (2018-2023) & (USD Million)

Table 58. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Application (2024-2029) & (USD Million)

Table 59. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Application (2018-2023) & (US\$/Kg)

Table 60. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Application (2024-2029) & (US\$/Kg)

Table 61. Heraeus Group Basic Information, Manufacturing Base and Competitors

Table 62. Heraeus Group Major Business

Table 63. Heraeus Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Product and Services

Table 64. Heraeus Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Heraeus Group Recent Developments/Updates

Table 66. Agfa-Gevaert Group Basic Information, Manufacturing Base and Competitors

Table 67. Agfa-Gevaert Group Major Business

Table 68. Agfa-Gevaert Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Product and Services

Table 69. Agfa-Gevaert Group Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 70. Global Key Players of Poly(3,4-Ethylenedioxythiophene) (Pedot) Upstream (Raw Materials)

Table 71. Poly(3,4-Ethylenedioxythiophene) (Pedot) Typical Customers

Table 72. Poly(3,4-Ethylenedioxythiophene) (Pedot) Typical Distributors

## **LIST OF FIGURE**

Figure 1. Poly(3,4-Ethylenedioxythiophene) (Pedot) Picture

Figure 2. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2029) & (Kg)

Figure 5. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price (2018-2029) & (US\$/Kg)

Figure 6. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Region (2018-2029)

Figure 7. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share by Region (2018-2029)



Figure 8. Europe Poly(3,4-Ethylenedioxythiophene) (Pedot) Production (2018-2029) & (Kg)

Figure 9. Poly(3,4-Ethylenedioxythiophene) (Pedot) Market Drivers

Figure 10. Factors Affecting Demand

Figure 11. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 12. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Market Share by Region (2018-2029)

Figure 13. United States Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 14. China Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 15. Europe Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 16. Japan Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 17. South Korea Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 18. ASEAN Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 19. India Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption (2018-2029) & (Kg)

Figure 20. Producer Shipments of Poly(3,4-Ethylenedioxythiophene) (Pedot) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 21. Global Four-firm Concentration Ratios (CR4) for Poly(3,4-Ethylenedioxythiophene) (Pedot) Markets in 2022

Figure 22. Global Four-firm Concentration Ratios (CR8) for Poly(3,4-Ethylenedioxythiophene) (Pedot) Markets in 2022

Figure 23. United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 24. United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 25. United States VS China: Poly(3,4-Ethylenedioxythiophene) (Pedot) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share 2022

Figure 27. China Based Manufacturers Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share 2022

Figure 28. Rest of World Based Manufacturers Poly(3,4-Ethylenedioxythiophene)

(Pedot) Production Market Share 2022

Figure 29. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Type in 2022

Figure 31. Aqueous Type

Figure 32. Non-aqueous Type

Figure 33. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share by Type (2018-2029)

Figure 34. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Type (2018-2029)

Figure 35. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Type (2018-2029) & (US\$/Kg)

Figure 36. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 37. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Application in 2022

Figure 38. Organic Solar Cell

Figure 39. Flexible Display Device

Figure 40. Sensor

Figure 41. Energy Storage

Figure 42. Others

Figure 43. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Market Share by Application (2018-2029)

Figure 44. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Production Value Market Share by Application (2018-2029)

Figure 45. World Poly(3,4-Ethylenedioxythiophene) (Pedot) Average Price by Application (2018-2029) & (US\$/Kg)

Figure 46. Poly(3,4-Ethylenedioxythiophene) (Pedot) Industry Chain

Figure 47. Poly(3,4-Ethylenedioxythiophene) (Pedot) Procurement Model

Figure 48. Poly(3,4-Ethylenedioxythiophene) (Pedot) Sales Model

Figure 49. Poly(3,4-Ethylenedioxythiophene) (Pedot) Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source



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