

Global Photovoltaic POE Film Supply, Demand and Key Producers, 2023-2029

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Abstracts

The thermoplastic polyolefin based encapsulant (POE) has emerged as a new encapsulant which can be used in Crystalline as well in Thin film modules. It can be also used in both glass to glass & glass to backsheet modules. This remarkable potential of thermoplastic polyolefin based encapsulant like extremely high PID resistance, comparable transparency, lower lamination cycle time, less volatiles & no acetic group like vinyl acetate attracted PV module manufacturers to consider them as an encapsulant alternate to EVA.

This report studies the global Photovoltaic POE Film production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Photovoltaic POE Film, 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 Photovoltaic POE Film that contribute to its increasing demand across many markets.

The global Photovoltaic POE Film market size is expected to reach \$ 2839 million by 2029, rising at a market growth of 6.3% CAGR during the forecast period (2023-2029).

Global key players of photovoltaic POE film include First, Cybrid, Sveck, HIUV, Mitsui Chemicals, etc. The top five players hold a share over 80%. Asia Pacific is the largest market, has a share about 92%. China is the largest producer, has a share about 83%.

Highlights and key features of the study

Global Photovoltaic POE Film total production and demand, 2018-2029, (M Sqm)

Global Photovoltaic POE Film total production value, 2018-2029, (USD Million)

Global Photovoltaic POE Film production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

Global Photovoltaic POE Film consumption by region & country, CAGR, 2018-2029 & (M Sqm)

U.S. VS China: Photovoltaic POE Film domestic production, consumption, key domestic manufacturers and share

Global Photovoltaic POE Film production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Sqm)

Global Photovoltaic POE Film production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

Global Photovoltaic POE Film production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

This reports profiles key players in the global Photovoltaic POE Film 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 First, Cybrid, Sveck, HIUV, Mitsui Chemicals, Hanwha, Sinopont, Betterial and 3M, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Photovoltaic POE Film market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Sqm) and average price (US\$/Sqm)

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 Photovoltaic POE Film Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Photovoltaic POE Film Market, Segmentation by Type

Cross-linked POE Film

Thermoplastic POE Film

Co-extruded POE Film

Global Photovoltaic POE Film Market, Segmentation by Application

P-type Bifacial Module

N-type Bifacial Module

Companies Profiled:

First

Cybrid

Sveck

HIUV

Mitsui Chemicals

Hanwha

Sinopont

Betterial

3M

Crown

Weike

Vishakha

Lushan

H.B. Fuller

RenewSys

Yisheng

Key Questions Answered

1. How big is the global Photovoltaic POE Film market?

2. What is the demand of the global Photovoltaic POE Film market?
3. What is the year over year growth of the global Photovoltaic POE Film market?
4. What is the production and production value of the global Photovoltaic POE Film market?
5. Who are the key producers in the global Photovoltaic POE Film market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Photovoltaic POE Film Introduction
- 1.2 World Photovoltaic POE Film Supply & Forecast
 - 1.2.1 World Photovoltaic POE Film Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Photovoltaic POE Film Production (2018-2029)
 - 1.2.3 World Photovoltaic POE Film Pricing Trends (2018-2029)
- 1.3 World Photovoltaic POE Film Production by Region (Based on Production Site)
 - 1.3.1 World Photovoltaic POE Film Production Value by Region (2018-2029)
 - 1.3.2 World Photovoltaic POE Film Production by Region (2018-2029)
 - 1.3.3 World Photovoltaic POE Film Average Price by Region (2018-2029)
 - 1.3.4 India Photovoltaic POE Film Production (2018-2029)
 - 1.3.5 Europe Photovoltaic POE Film Production (2018-2029)
 - 1.3.6 China Photovoltaic POE Film Production (2018-2029)
 - 1.3.7 Southeast Asia Photovoltaic POE Film Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Photovoltaic POE Film Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Photovoltaic POE Film Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Photovoltaic POE Film Demand (2018-2029)
- 2.2 World Photovoltaic POE Film Consumption by Region
 - 2.2.1 World Photovoltaic POE Film Consumption by Region (2018-2023)
 - 2.2.2 World Photovoltaic POE Film Consumption Forecast by Region (2024-2029)
- 2.3 United States Photovoltaic POE Film Consumption (2018-2029)
- 2.4 China Photovoltaic POE Film Consumption (2018-2029)
- 2.5 Europe Photovoltaic POE Film Consumption (2018-2029)
- 2.6 Japan Photovoltaic POE Film Consumption (2018-2029)
- 2.7 South Korea Photovoltaic POE Film Consumption (2018-2029)
- 2.8 ASEAN Photovoltaic POE Film Consumption (2018-2029)
- 2.9 India Photovoltaic POE Film Consumption (2018-2029)

3 WORLD PHOTOVOLTAIC POE FILM MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Photovoltaic POE Film Production Value by Manufacturer (2018-2023)
- 3.2 World Photovoltaic POE Film Production by Manufacturer (2018-2023)
- 3.3 World Photovoltaic POE Film Average Price by Manufacturer (2018-2023)
- 3.4 Photovoltaic POE Film Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Photovoltaic POE Film Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Photovoltaic POE Film in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Photovoltaic POE Film in 2022
- 3.6 Photovoltaic POE Film Market: Overall Company Footprint Analysis
 - 3.6.1 Photovoltaic POE Film Market: Region Footprint
 - 3.6.2 Photovoltaic POE Film Market: Company Product Type Footprint
 - 3.6.3 Photovoltaic POE Film 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: Photovoltaic POE Film Production Value Comparison
 - 4.1.1 United States VS China: Photovoltaic POE Film Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Photovoltaic POE Film Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Photovoltaic POE Film Production Comparison
 - 4.2.1 United States VS China: Photovoltaic POE Film Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Photovoltaic POE Film Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Photovoltaic POE Film Consumption Comparison
 - 4.3.1 United States VS China: Photovoltaic POE Film Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Photovoltaic POE Film Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Photovoltaic POE Film Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Photovoltaic POE Film Production Value (2018-2023)

4.4.3 United States Based Manufacturers Photovoltaic POE Film Production (2018-2023)

4.5 China Based Photovoltaic POE Film Manufacturers and Market Share

4.5.1 China Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Photovoltaic POE Film Production Value (2018-2023)

4.5.3 China Based Manufacturers Photovoltaic POE Film Production (2018-2023)

4.6 Rest of World Based Photovoltaic POE Film Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Photovoltaic POE Film Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Photovoltaic POE Film Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Photovoltaic POE Film Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Cross-linked POE Film

5.2.2 Thermoplastic POE Film

5.2.3 Co-extruded POE Film

5.3 Market Segment by Type

5.3.1 World Photovoltaic POE Film Production by Type (2018-2029)

5.3.2 World Photovoltaic POE Film Production Value by Type (2018-2029)

5.3.3 World Photovoltaic POE Film Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Photovoltaic POE Film Market Size Overview by Application: 2018 VS 2022

VS 2029

6.2 Segment Introduction by Application

6.2.1 P-type Bifacial Module

6.2.2 N-type Bifacial Module

6.3 Market Segment by Application

6.3.1 World Photovoltaic POE Film Production by Application (2018-2029)

6.3.2 World Photovoltaic POE Film Production Value by Application (2018-2029)

6.3.3 World Photovoltaic POE Film Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 First

7.1.1 First Details

7.1.2 First Major Business

7.1.3 First Photovoltaic POE Film Product and Services

7.1.4 First Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 First Recent Developments/Updates

7.1.6 First Competitive Strengths & Weaknesses

7.2 Cybrid

7.2.1 Cybrid Details

7.2.2 Cybrid Major Business

7.2.3 Cybrid Photovoltaic POE Film Product and Services

7.2.4 Cybrid Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Cybrid Recent Developments/Updates

7.2.6 Cybrid Competitive Strengths & Weaknesses

7.3 Sveck

7.3.1 Sveck Details

7.3.2 Sveck Major Business

7.3.3 Sveck Photovoltaic POE Film Product and Services

7.3.4 Sveck Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Sveck Recent Developments/Updates

7.3.6 Sveck Competitive Strengths & Weaknesses

7.4 HIUV

7.4.1 HIUV Details

7.4.2 HIUV Major Business

7.4.3 HIUV Photovoltaic POE Film Product and Services

7.4.4 HIUV Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 HIUV Recent Developments/Updates

7.4.6 HIUV Competitive Strengths & Weaknesses

7.5 Mitsui Chemicals

7.5.1 Mitsui Chemicals Details

7.5.2 Mitsui Chemicals Major Business

7.5.3 Mitsui Chemicals Photovoltaic POE Film Product and Services

7.5.4 Mitsui Chemicals Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Mitsui Chemicals Recent Developments/Updates

7.5.6 Mitsui Chemicals Competitive Strengths & Weaknesses

7.6 Hanwha

7.6.1 Hanwha Details

7.6.2 Hanwha Major Business

7.6.3 Hanwha Photovoltaic POE Film Product and Services

7.6.4 Hanwha Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Hanwha Recent Developments/Updates

7.6.6 Hanwha Competitive Strengths & Weaknesses

7.7 Sinopont

7.7.1 Sinopont Details

7.7.2 Sinopont Major Business

7.7.3 Sinopont Photovoltaic POE Film Product and Services

7.7.4 Sinopont Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Sinopont Recent Developments/Updates

7.7.6 Sinopont Competitive Strengths & Weaknesses

7.8 Betterial

7.8.1 Betterial Details

7.8.2 Betterial Major Business

7.8.3 Betterial Photovoltaic POE Film Product and Services

7.8.4 Betterial Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Betterial Recent Developments/Updates

7.8.6 Betterial Competitive Strengths & Weaknesses

7.9 3M

7.9.1 3M Details

7.9.2 3M Major Business

- 7.9.3 3M Photovoltaic POE Film Product and Services
- 7.9.4 3M Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 3M Recent Developments/Updates
- 7.9.6 3M Competitive Strengths & Weaknesses
- 7.10 Crown
 - 7.10.1 Crown Details
 - 7.10.2 Crown Major Business
 - 7.10.3 Crown Photovoltaic POE Film Product and Services
 - 7.10.4 Crown Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Crown Recent Developments/Updates
 - 7.10.6 Crown Competitive Strengths & Weaknesses
- 7.11 Weike
 - 7.11.1 Weike Details
 - 7.11.2 Weike Major Business
 - 7.11.3 Weike Photovoltaic POE Film Product and Services
 - 7.11.4 Weike Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Weike Recent Developments/Updates
 - 7.11.6 Weike Competitive Strengths & Weaknesses
- 7.12 Vishakha
 - 7.12.1 Vishakha Details
 - 7.12.2 Vishakha Major Business
 - 7.12.3 Vishakha Photovoltaic POE Film Product and Services
 - 7.12.4 Vishakha Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Vishakha Recent Developments/Updates
 - 7.12.6 Vishakha Competitive Strengths & Weaknesses
- 7.13 Lushan
 - 7.13.1 Lushan Details
 - 7.13.2 Lushan Major Business
 - 7.13.3 Lushan Photovoltaic POE Film Product and Services
 - 7.13.4 Lushan Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Lushan Recent Developments/Updates
 - 7.13.6 Lushan Competitive Strengths & Weaknesses
- 7.14 H.B. Fuller
 - 7.14.1 H.B. Fuller Details

- 7.14.2 H.B. Fuller Major Business
- 7.14.3 H.B. Fuller Photovoltaic POE Film Product and Services
- 7.14.4 H.B. Fuller Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 H.B. Fuller Recent Developments/Updates
- 7.14.6 H.B. Fuller Competitive Strengths & Weaknesses
- 7.15 RenewSys
 - 7.15.1 RenewSys Details
 - 7.15.2 RenewSys Major Business
 - 7.15.3 RenewSys Photovoltaic POE Film Product and Services
 - 7.15.4 RenewSys Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 RenewSys Recent Developments/Updates
 - 7.15.6 RenewSys Competitive Strengths & Weaknesses
- 7.16 Yisheng
 - 7.16.1 Yisheng Details
 - 7.16.2 Yisheng Major Business
 - 7.16.3 Yisheng Photovoltaic POE Film Product and Services
 - 7.16.4 Yisheng Photovoltaic POE Film Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Yisheng Recent Developments/Updates
 - 7.16.6 Yisheng Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Photovoltaic POE Film Industry Chain
- 8.2 Photovoltaic POE Film Upstream Analysis
 - 8.2.1 Photovoltaic POE Film Core Raw Materials
 - 8.2.2 Main Manufacturers of Photovoltaic POE Film Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Photovoltaic POE Film Production Mode
- 8.6 Photovoltaic POE Film Procurement Model
- 8.7 Photovoltaic POE Film Industry Sales Model and Sales Channels
 - 8.7.1 Photovoltaic POE Film Sales Model
 - 8.7.2 Photovoltaic POE Film 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 Photovoltaic POE Film Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Photovoltaic POE Film Production Value by Region (2018-2023) & (USD Million)

Table 3. World Photovoltaic POE Film Production Value by Region (2024-2029) & (USD Million)

Table 4. World Photovoltaic POE Film Production Value Market Share by Region (2018-2023)

Table 5. World Photovoltaic POE Film Production Value Market Share by Region (2024-2029)

Table 6. World Photovoltaic POE Film Production by Region (2018-2023) & (M Sqm)

Table 7. World Photovoltaic POE Film Production by Region (2024-2029) & (M Sqm)

Table 8. World Photovoltaic POE Film Production Market Share by Region (2018-2023)

Table 9. World Photovoltaic POE Film Production Market Share by Region (2024-2029)

Table 10. World Photovoltaic POE Film Average Price by Region (2018-2023) & (US\$/Sqm)

Table 11. World Photovoltaic POE Film Average Price by Region (2024-2029) & (US\$/Sqm)

Table 12. Photovoltaic POE Film Major Market Trends

Table 13. World Photovoltaic POE Film Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (M Sqm)

Table 14. World Photovoltaic POE Film Consumption by Region (2018-2023) & (M Sqm)

Table 15. World Photovoltaic POE Film Consumption Forecast by Region (2024-2029) & (M Sqm)

Table 16. World Photovoltaic POE Film Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Photovoltaic POE Film Producers in 2022

Table 18. World Photovoltaic POE Film Production by Manufacturer (2018-2023) & (M Sqm)

Table 19. Production Market Share of Key Photovoltaic POE Film Producers in 2022

Table 20. World Photovoltaic POE Film Average Price by Manufacturer (2018-2023) & (US\$/Sqm)

Table 21. Global Photovoltaic POE Film Company Evaluation Quadrant

Table 22. World Photovoltaic POE Film Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Photovoltaic POE Film Production Site of Key Manufacturer

Table 24. Photovoltaic POE Film Market: Company Product Type Footprint

Table 25. Photovoltaic POE Film Market: Company Product Application Footprint

Table 26. Photovoltaic POE Film Competitive Factors

Table 27. Photovoltaic POE Film New Entrant and Capacity Expansion Plans

Table 28. Photovoltaic POE Film Mergers & Acquisitions Activity

Table 29. United States VS China Photovoltaic POE Film Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Photovoltaic POE Film Production Comparison, (2018 & 2022 & 2029) & (M Sqm)

Table 31. United States VS China Photovoltaic POE Film Consumption Comparison, (2018 & 2022 & 2029) & (M Sqm)

Table 32. United States Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Photovoltaic POE Film Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Photovoltaic POE Film Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Photovoltaic POE Film Production (2018-2023) & (M Sqm)

Table 36. United States Based Manufacturers Photovoltaic POE Film Production Market Share (2018-2023)

Table 37. China Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Photovoltaic POE Film Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Photovoltaic POE Film Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Photovoltaic POE Film Production (2018-2023) & (M Sqm)

Table 41. China Based Manufacturers Photovoltaic POE Film Production Market Share (2018-2023)

Table 42. Rest of World Based Photovoltaic POE Film Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Photovoltaic POE Film Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Photovoltaic POE Film Production Value

Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Photovoltaic POE Film Production (2018-2023) & (M Sqm)

Table 46. Rest of World Based Manufacturers Photovoltaic POE Film Production Market Share (2018-2023)

Table 47. World Photovoltaic POE Film Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Photovoltaic POE Film Production by Type (2018-2023) & (M Sqm)

Table 49. World Photovoltaic POE Film Production by Type (2024-2029) & (M Sqm)

Table 50. World Photovoltaic POE Film Production Value by Type (2018-2023) & (USD Million)

Table 51. World Photovoltaic POE Film Production Value by Type (2024-2029) & (USD Million)

Table 52. World Photovoltaic POE Film Average Price by Type (2018-2023) & (US\$/Sqm)

Table 53. World Photovoltaic POE Film Average Price by Type (2024-2029) & (US\$/Sqm)

Table 54. World Photovoltaic POE Film Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Photovoltaic POE Film Production by Application (2018-2023) & (M Sqm)

Table 56. World Photovoltaic POE Film Production by Application (2024-2029) & (M Sqm)

Table 57. World Photovoltaic POE Film Production Value by Application (2018-2023) & (USD Million)

Table 58. World Photovoltaic POE Film Production Value by Application (2024-2029) & (USD Million)

Table 59. World Photovoltaic POE Film Average Price by Application (2018-2023) & (US\$/Sqm)

Table 60. World Photovoltaic POE Film Average Price by Application (2024-2029) & (US\$/Sqm)

Table 61. First Basic Information, Manufacturing Base and Competitors

Table 62. First Major Business

Table 63. First Photovoltaic POE Film Product and Services

Table 64. First Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. First Recent Developments/Updates

Table 66. First Competitive Strengths & Weaknesses

Table 67. Cybrid Basic Information, Manufacturing Base and Competitors

- Table 68. Cybrid Major Business
- Table 69. Cybrid Photovoltaic POE Film Product and Services
- Table 70. Cybrid Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Cybrid Recent Developments/Updates
- Table 72. Cybrid Competitive Strengths & Weaknesses
- Table 73. Sveck Basic Information, Manufacturing Base and Competitors
- Table 74. Sveck Major Business
- Table 75. Sveck Photovoltaic POE Film Product and Services
- Table 76. Sveck Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Sveck Recent Developments/Updates
- Table 78. Sveck Competitive Strengths & Weaknesses
- Table 79. HIUV Basic Information, Manufacturing Base and Competitors
- Table 80. HIUV Major Business
- Table 81. HIUV Photovoltaic POE Film Product and Services
- Table 82. HIUV Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. HIUV Recent Developments/Updates
- Table 84. HIUV Competitive Strengths & Weaknesses
- Table 85. Mitsui Chemicals Basic Information, Manufacturing Base and Competitors
- Table 86. Mitsui Chemicals Major Business
- Table 87. Mitsui Chemicals Photovoltaic POE Film Product and Services
- Table 88. Mitsui Chemicals Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Mitsui Chemicals Recent Developments/Updates
- Table 90. Mitsui Chemicals Competitive Strengths & Weaknesses
- Table 91. Hanwha Basic Information, Manufacturing Base and Competitors
- Table 92. Hanwha Major Business
- Table 93. Hanwha Photovoltaic POE Film Product and Services
- Table 94. Hanwha Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Hanwha Recent Developments/Updates
- Table 96. Hanwha Competitive Strengths & Weaknesses
- Table 97. Sinopont Basic Information, Manufacturing Base and Competitors
- Table 98. Sinopont Major Business
- Table 99. Sinopont Photovoltaic POE Film Product and Services
- Table 100. Sinopont Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),

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

Table 101. Sinopont Recent Developments/Updates

Table 102. Sinopont Competitive Strengths & Weaknesses

Table 103. Betterial Basic Information, Manufacturing Base and Competitors

Table 104. Betterial Major Business

Table 105. Betterial Photovoltaic POE Film Product and Services

Table 106. Betterial Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Betterial Recent Developments/Updates

Table 108. Betterial Competitive Strengths & Weaknesses

Table 109. 3M Basic Information, Manufacturing Base and Competitors

Table 110. 3M Major Business

Table 111. 3M Photovoltaic POE Film Product and Services

Table 112. 3M Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. 3M Recent Developments/Updates

Table 114. 3M Competitive Strengths & Weaknesses

Table 115. Crown Basic Information, Manufacturing Base and Competitors

Table 116. Crown Major Business

Table 117. Crown Photovoltaic POE Film Product and Services

Table 118. Crown Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Crown Recent Developments/Updates

Table 120. Crown Competitive Strengths & Weaknesses

Table 121. Weike Basic Information, Manufacturing Base and Competitors

Table 122. Weike Major Business

Table 123. Weike Photovoltaic POE Film Product and Services

Table 124. Weike Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Weike Recent Developments/Updates

Table 126. Weike Competitive Strengths & Weaknesses

Table 127. Vishakha Basic Information, Manufacturing Base and Competitors

Table 128. Vishakha Major Business

Table 129. Vishakha Photovoltaic POE Film Product and Services

Table 130. Vishakha Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm),
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Vishakha Recent Developments/Updates

Table 132. Vishakha Competitive Strengths & Weaknesses

Table 133. Lushan Basic Information, Manufacturing Base and Competitors

Table 134. Lushan Major Business

Table 135. Lushan Photovoltaic POE Film Product and Services

Table 136. Lushan Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Lushan Recent Developments/Updates

Table 138. Lushan Competitive Strengths & Weaknesses

Table 139. H.B. Fuller Basic Information, Manufacturing Base and Competitors

Table 140. H.B. Fuller Major Business

Table 141. H.B. Fuller Photovoltaic POE Film Product and Services

Table 142. H.B. Fuller Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. H.B. Fuller Recent Developments/Updates

Table 144. H.B. Fuller Competitive Strengths & Weaknesses

Table 145. RenewSys Basic Information, Manufacturing Base and Competitors

Table 146. RenewSys Major Business

Table 147. RenewSys Photovoltaic POE Film Product and Services

Table 148. RenewSys Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. RenewSys Recent Developments/Updates

Table 150. Yisheng Basic Information, Manufacturing Base and Competitors

Table 151. Yisheng Major Business

Table 152. Yisheng Photovoltaic POE Film Product and Services

Table 153. Yisheng Photovoltaic POE Film Production (M Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 154. Global Key Players of Photovoltaic POE Film Upstream (Raw Materials)

Table 155. Photovoltaic POE Film Typical Customers

Table 156. Photovoltaic POE Film Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Photovoltaic POE Film Picture

Figure 2. World Photovoltaic POE Film Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Photovoltaic POE Film Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Photovoltaic POE Film Production (2018-2029) & (M Sqm)

Figure 5. World Photovoltaic POE Film Average Price (2018-2029) & (US\$/Sqm)

Figure 6. World Photovoltaic POE Film Production Value Market Share by Region (2018-2029)

Figure 7. World Photovoltaic POE Film Production Market Share by Region (2018-2029)

Figure 8. India Photovoltaic POE Film Production (2018-2029) & (M Sqm)

Figure 9. Europe Photovoltaic POE Film Production (2018-2029) & (M Sqm)

Figure 10. China Photovoltaic POE Film Production (2018-2029) & (M Sqm)

Figure 11. Southeast Asia Photovoltaic POE Film Production (2018-2029) & (M Sqm)

Figure 12. Photovoltaic POE Film Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 15. World Photovoltaic POE Film Consumption Market Share by Region (2018-2029)

Figure 16. United States Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 17. China Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 18. Europe Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 19. Japan Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 20. South Korea Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 21. ASEAN Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 22. India Photovoltaic POE Film Consumption (2018-2029) & (M Sqm)

Figure 23. Producer Shipments of Photovoltaic POE Film by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Photovoltaic POE Film Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Photovoltaic POE Film Markets in 2022

Figure 26. United States VS China: Photovoltaic POE Film Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Photovoltaic POE Film Production Market Share

Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Photovoltaic POE Film Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Photovoltaic POE Film Production Market Share 2022

Figure 30. China Based Manufacturers Photovoltaic POE Film Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Photovoltaic POE Film Production Market Share 2022

Figure 32. World Photovoltaic POE Film Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Photovoltaic POE Film Production Value Market Share by Type in 2022

Figure 34. Cross-linked POE Film

Figure 35. Thermoplastic POE Film

Figure 36. Co-extruded POE Film

Figure 37. World Photovoltaic POE Film Production Market Share by Type (2018-2029)

Figure 38. World Photovoltaic POE Film Production Value Market Share by Type (2018-2029)

Figure 39. World Photovoltaic POE Film Average Price by Type (2018-2029) & (US\$/SqM)

Figure 40. World Photovoltaic POE Film Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Photovoltaic POE Film Production Value Market Share by Application in 2022

Figure 42. P-type Bifacial Module

Figure 43. N-type Bifacial Module

Figure 44. World Photovoltaic POE Film Production Market Share by Application (2018-2029)

Figure 45. World Photovoltaic POE Film Production Value Market Share by Application (2018-2029)

Figure 46. World Photovoltaic POE Film Average Price by Application (2018-2029) & (US\$/SqM)

Figure 47. Photovoltaic POE Film Industry Chain

Figure 48. Photovoltaic POE Film Procurement Model

Figure 49. Photovoltaic POE Film Sales Model

Figure 50. Photovoltaic POE Film Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

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