

Global PTC Thin-film Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/G292FB0A7567EN.html>

Date: March 2024

Pages: 147

Price: US\$ 4,480.00 (Single User License)

ID: G292FB0A7567EN

Abstracts

The global PTC Thin-film market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

PTC Thin-film is flexible, lightweight and thin, and can be easily integrated in limited spaces. And the self-regulating feature maintains constant heat at a specific temperature when energised.

This report studies the global PTC Thin-film production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PTC Thin-film, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of PTC Thin-film that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PTC Thin-film total production and demand, 2019-2030, (Tons)

Global PTC Thin-film total production value, 2019-2030, (USD Million)

Global PTC Thin-film production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global PTC Thin-film consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: PTC Thin-film domestic production, consumption, key domestic manufacturers and share

Global PTC Thin-film production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global PTC Thin-film production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global PTC Thin-film production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global PTC Thin-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 Tokyo Cosmos Electric Co.,Ltd., Minco Products, Heatron, Alper, LINEPRO, EGC Enterprises Inc., Thermo Heating Elements, Caliente Termico and Seggi Century, 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 PTC Thin-film market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global PTC Thin-film Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PTC Thin-film Market, Segmentation by Type

Flexible PTC Heater

Ceramic PTC Heater

Global PTC Thin-film Market, Segmentation by Application

Consumer Electronics

Automobile

Military

Medical

Others

Companies Profiled:

Tokyo Cosmos Electric Co.,Ltd.

Minco Products

Heatron

Alper

LINEPRO

EGC Enterprises Inc.

Thermo Heating Elements

Caliente Termico

Seggi Century

SUNTECH Corp

RexVa

DBK

CERADEX

2ip technologies

Mi-Heat Heizsysteme GmbH

Jaye Industry Co.,Ltd.

Key Questions Answered

1. How big is the global PTC Thin-film market?
2. What is the demand of the global PTC Thin-film market?
3. What is the year over year growth of the global PTC Thin-film market?
4. What is the production and production value of the global PTC Thin-film market?

5. Who are the key producers in the global PTC Thin-film market?

Contents

1 SUPPLY SUMMARY

- 1.1 PTC Thin-film Introduction
- 1.2 World PTC Thin-film Supply & Forecast
 - 1.2.1 World PTC Thin-film Production Value (2019 & 2023 & 2030)
 - 1.2.2 World PTC Thin-film Production (2019-2030)
 - 1.2.3 World PTC Thin-film Pricing Trends (2019-2030)
- 1.3 World PTC Thin-film Production by Region (Based on Production Site)
 - 1.3.1 World PTC Thin-film Production Value by Region (2019-2030)
 - 1.3.2 World PTC Thin-film Production by Region (2019-2030)
 - 1.3.3 World PTC Thin-film Average Price by Region (2019-2030)
 - 1.3.4 North America PTC Thin-film Production (2019-2030)
 - 1.3.5 Europe PTC Thin-film Production (2019-2030)
 - 1.3.6 China PTC Thin-film Production (2019-2030)
 - 1.3.7 Japan PTC Thin-film Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 PTC Thin-film Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 PTC Thin-film Major Market Trends

2 DEMAND SUMMARY

- 2.1 World PTC Thin-film Demand (2019-2030)
- 2.2 World PTC Thin-film Consumption by Region
 - 2.2.1 World PTC Thin-film Consumption by Region (2019-2024)
 - 2.2.2 World PTC Thin-film Consumption Forecast by Region (2025-2030)
- 2.3 United States PTC Thin-film Consumption (2019-2030)
- 2.4 China PTC Thin-film Consumption (2019-2030)
- 2.5 Europe PTC Thin-film Consumption (2019-2030)
- 2.6 Japan PTC Thin-film Consumption (2019-2030)
- 2.7 South Korea PTC Thin-film Consumption (2019-2030)
- 2.8 ASEAN PTC Thin-film Consumption (2019-2030)
- 2.9 India PTC Thin-film Consumption (2019-2030)

3 WORLD PTC THIN-FILM MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World PTC Thin-film Production Value by Manufacturer (2019-2024)

- 3.2 World PTC Thin-film Production by Manufacturer (2019-2024)
- 3.3 World PTC Thin-film Average Price by Manufacturer (2019-2024)
- 3.4 PTC Thin-film Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global PTC Thin-film Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for PTC Thin-film in 2023
 - 3.5.3 Global Concentration Ratios (CR8) for PTC Thin-film in 2023
- 3.6 PTC Thin-film Market: Overall Company Footprint Analysis
 - 3.6.1 PTC Thin-film Market: Region Footprint
 - 3.6.2 PTC Thin-film Market: Company Product Type Footprint
 - 3.6.3 PTC Thin-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: PTC Thin-film Production Value Comparison
 - 4.1.1 United States VS China: PTC Thin-film Production Value Comparison (2019 & 2023 & 2030)
 - 4.1.2 United States VS China: PTC Thin-film Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: PTC Thin-film Production Comparison
 - 4.2.1 United States VS China: PTC Thin-film Production Comparison (2019 & 2023 & 2030)
 - 4.2.2 United States VS China: PTC Thin-film Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: PTC Thin-film Consumption Comparison
 - 4.3.1 United States VS China: PTC Thin-film Consumption Comparison (2019 & 2023 & 2030)
 - 4.3.2 United States VS China: PTC Thin-film Consumption Market Share Comparison (2019 & 2023 & 2030)
- 4.4 United States Based PTC Thin-film Manufacturers and Market Share, 2019-2024
 - 4.4.1 United States Based PTC Thin-film Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers PTC Thin-film Production Value (2019-2024)

- 4.4.3 United States Based Manufacturers PTC Thin-film Production (2019-2024)
- 4.5 China Based PTC Thin-film Manufacturers and Market Share
 - 4.5.1 China Based PTC Thin-film Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers PTC Thin-film Production Value (2019-2024)
 - 4.5.3 China Based Manufacturers PTC Thin-film Production (2019-2024)
- 4.6 Rest of World Based PTC Thin-film Manufacturers and Market Share, 2019-2024
 - 4.6.1 Rest of World Based PTC Thin-film Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers PTC Thin-film Production Value (2019-2024)
 - 4.6.3 Rest of World Based Manufacturers PTC Thin-film Production (2019-2024)

5 MARKET ANALYSIS BY TYPE

- 5.1 World PTC Thin-film Market Size Overview by Type: 2019 VS 2023 VS 2030
- 5.2 Segment Introduction by Type
 - 5.2.1 Flexible PTC Heater
 - 5.2.2 Ceramic PTC Heater
- 5.3 Market Segment by Type
 - 5.3.1 World PTC Thin-film Production by Type (2019-2030)
 - 5.3.2 World PTC Thin-film Production Value by Type (2019-2030)
 - 5.3.3 World PTC Thin-film Average Price by Type (2019-2030)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World PTC Thin-film Market Size Overview by Application: 2019 VS 2023 VS 2030
- 6.2 Segment Introduction by Application
 - 6.2.1 Consumer Electronics
 - 6.2.2 Automobile
 - 6.2.3 Military
 - 6.2.4 Medical
 - 6.2.5 Others
- 6.3 Market Segment by Application
 - 6.3.1 World PTC Thin-film Production by Application (2019-2030)
 - 6.3.2 World PTC Thin-film Production Value by Application (2019-2030)
 - 6.3.3 World PTC Thin-film Average Price by Application (2019-2030)

7 COMPANY PROFILES

7.1 Tokyo Cosmos Electric Co.,Ltd.

7.1.1 Tokyo Cosmos Electric Co.,Ltd. Details

7.1.2 Tokyo Cosmos Electric Co.,Ltd. Major Business

7.1.3 Tokyo Cosmos Electric Co.,Ltd. PTC Thin-film Product and Services

7.1.4 Tokyo Cosmos Electric Co.,Ltd. PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Tokyo Cosmos Electric Co.,Ltd. Recent Developments/Updates

7.1.6 Tokyo Cosmos Electric Co.,Ltd. Competitive Strengths & Weaknesses

7.2 Minco Products

7.2.1 Minco Products Details

7.2.2 Minco Products Major Business

7.2.3 Minco Products PTC Thin-film Product and Services

7.2.4 Minco Products PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 Minco Products Recent Developments/Updates

7.2.6 Minco Products Competitive Strengths & Weaknesses

7.3 Heatron

7.3.1 Heatron Details

7.3.2 Heatron Major Business

7.3.3 Heatron PTC Thin-film Product and Services

7.3.4 Heatron PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 Heatron Recent Developments/Updates

7.3.6 Heatron Competitive Strengths & Weaknesses

7.4 Alper

7.4.1 Alper Details

7.4.2 Alper Major Business

7.4.3 Alper PTC Thin-film Product and Services

7.4.4 Alper PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Alper Recent Developments/Updates

7.4.6 Alper Competitive Strengths & Weaknesses

7.5 LINEPRO

7.5.1 LINEPRO Details

7.5.2 LINEPRO Major Business

7.5.3 LINEPRO PTC Thin-film Product and Services

7.5.4 LINEPRO PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 LINEPRO Recent Developments/Updates

- 7.5.6 LINEPRO Competitive Strengths & Weaknesses
- 7.6 EGC Enterprises Inc.
 - 7.6.1 EGC Enterprises Inc. Details
 - 7.6.2 EGC Enterprises Inc. Major Business
 - 7.6.3 EGC Enterprises Inc. PTC Thin-film Product and Services
 - 7.6.4 EGC Enterprises Inc. PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.6.5 EGC Enterprises Inc. Recent Developments/Updates
 - 7.6.6 EGC Enterprises Inc. Competitive Strengths & Weaknesses
- 7.7 Thermo Heating Elements
 - 7.7.1 Thermo Heating Elements Details
 - 7.7.2 Thermo Heating Elements Major Business
 - 7.7.3 Thermo Heating Elements PTC Thin-film Product and Services
 - 7.7.4 Thermo Heating Elements PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.7.5 Thermo Heating Elements Recent Developments/Updates
 - 7.7.6 Thermo Heating Elements Competitive Strengths & Weaknesses
- 7.8 Caliente Termico
 - 7.8.1 Caliente Termico Details
 - 7.8.2 Caliente Termico Major Business
 - 7.8.3 Caliente Termico PTC Thin-film Product and Services
 - 7.8.4 Caliente Termico PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.8.5 Caliente Termico Recent Developments/Updates
 - 7.8.6 Caliente Termico Competitive Strengths & Weaknesses
- 7.9 Seggi Century
 - 7.9.1 Seggi Century Details
 - 7.9.2 Seggi Century Major Business
 - 7.9.3 Seggi Century PTC Thin-film Product and Services
 - 7.9.4 Seggi Century PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.9.5 Seggi Century Recent Developments/Updates
 - 7.9.6 Seggi Century Competitive Strengths & Weaknesses
- 7.10 SUNTECH Corp
 - 7.10.1 SUNTECH Corp Details
 - 7.10.2 SUNTECH Corp Major Business
 - 7.10.3 SUNTECH Corp PTC Thin-film Product and Services
 - 7.10.4 SUNTECH Corp PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

- 7.10.5 SUNTECH Corp Recent Developments/Updates
- 7.10.6 SUNTECH Corp Competitive Strengths & Weaknesses
- 7.11 RexVa
 - 7.11.1 RexVa Details
 - 7.11.2 RexVa Major Business
 - 7.11.3 RexVa PTC Thin-film Product and Services
 - 7.11.4 RexVa PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.11.5 RexVa Recent Developments/Updates
 - 7.11.6 RexVa Competitive Strengths & Weaknesses
- 7.12 DBK
 - 7.12.1 DBK Details
 - 7.12.2 DBK Major Business
 - 7.12.3 DBK PTC Thin-film Product and Services
 - 7.12.4 DBK PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.12.5 DBK Recent Developments/Updates
 - 7.12.6 DBK Competitive Strengths & Weaknesses
- 7.13 CERADEX
 - 7.13.1 CERADEX Details
 - 7.13.2 CERADEX Major Business
 - 7.13.3 CERADEX PTC Thin-film Product and Services
 - 7.13.4 CERADEX PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.13.5 CERADEX Recent Developments/Updates
 - 7.13.6 CERADEX Competitive Strengths & Weaknesses
- 7.14 2ip technologies
 - 7.14.1 2ip technologies Details
 - 7.14.2 2ip technologies Major Business
 - 7.14.3 2ip technologies PTC Thin-film Product and Services
 - 7.14.4 2ip technologies PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)
 - 7.14.5 2ip technologies Recent Developments/Updates
 - 7.14.6 2ip technologies Competitive Strengths & Weaknesses
- 7.15 Mi-Heat Heizsysteme GmbH
 - 7.15.1 Mi-Heat Heizsysteme GmbH Details
 - 7.15.2 Mi-Heat Heizsysteme GmbH Major Business
 - 7.15.3 Mi-Heat Heizsysteme GmbH PTC Thin-film Product and Services
 - 7.15.4 Mi-Heat Heizsysteme GmbH PTC Thin-film Production, Price, Value, Gross

Margin and Market Share (2019-2024)

7.15.5 Mi-Heat Heizsysteme GmbH Recent Developments/Updates

7.15.6 Mi-Heat Heizsysteme GmbH Competitive Strengths & Weaknesses

7.16 Jaye Industry Co.,Ltd.

7.16.1 Jaye Industry Co.,Ltd. Details

7.16.2 Jaye Industry Co.,Ltd. Major Business

7.16.3 Jaye Industry Co.,Ltd. PTC Thin-film Product and Services

7.16.4 Jaye Industry Co.,Ltd. PTC Thin-film Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.16.5 Jaye Industry Co.,Ltd. Recent Developments/Updates

7.16.6 Jaye Industry Co.,Ltd. Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 PTC Thin-film Industry Chain

8.2 PTC Thin-film Upstream Analysis

8.2.1 PTC Thin-film Core Raw Materials

8.2.2 Main Manufacturers of PTC Thin-film Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 PTC Thin-film Production Mode

8.6 PTC Thin-film Procurement Model

8.7 PTC Thin-film Industry Sales Model and Sales Channels

8.7.1 PTC Thin-film Sales Model

8.7.2 PTC Thin-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 PTC Thin-film Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World PTC Thin-film Production Value by Region (2019-2024) & (USD Million)

Table 3. World PTC Thin-film Production Value by Region (2025-2030) & (USD Million)

Table 4. World PTC Thin-film Production Value Market Share by Region (2019-2024)

Table 5. World PTC Thin-film Production Value Market Share by Region (2025-2030)

Table 6. World PTC Thin-film Production by Region (2019-2024) & (Tons)

Table 7. World PTC Thin-film Production by Region (2025-2030) & (Tons)

Table 8. World PTC Thin-film Production Market Share by Region (2019-2024)

Table 9. World PTC Thin-film Production Market Share by Region (2025-2030)

Table 10. World PTC Thin-film Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World PTC Thin-film Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. PTC Thin-film Major Market Trends

Table 13. World PTC Thin-film Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World PTC Thin-film Consumption by Region (2019-2024) & (Tons)

Table 15. World PTC Thin-film Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World PTC Thin-film Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key PTC Thin-film Producers in 2023

Table 18. World PTC Thin-film Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key PTC Thin-film Producers in 2023

Table 20. World PTC Thin-film Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global PTC Thin-film Company Evaluation Quadrant

Table 22. World PTC Thin-film Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and PTC Thin-film Production Site of Key Manufacturer

Table 24. PTC Thin-film Market: Company Product Type Footprint

Table 25. PTC Thin-film Market: Company Product Application Footprint

Table 26. PTC Thin-film Competitive Factors

Table 27. PTC Thin-film New Entrant and Capacity Expansion Plans

Table 28. PTC Thin-film Mergers & Acquisitions Activity

Table 29. United States VS China PTC Thin-film Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China PTC Thin-film Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China PTC Thin-film Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based PTC Thin-film Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers PTC Thin-film Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers PTC Thin-film Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers PTC Thin-film Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers PTC Thin-film Production Market Share (2019-2024)

Table 37. China Based PTC Thin-film Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers PTC Thin-film Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers PTC Thin-film Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers PTC Thin-film Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers PTC Thin-film Production Market Share (2019-2024)

Table 42. Rest of World Based PTC Thin-film Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers PTC Thin-film Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers PTC Thin-film Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers PTC Thin-film Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers PTC Thin-film Production Market Share (2019-2024)

Table 47. World PTC Thin-film Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World PTC Thin-film Production by Type (2019-2024) & (Tons)

Table 49. World PTC Thin-film Production by Type (2025-2030) & (Tons)

Table 50. World PTC Thin-film Production Value by Type (2019-2024) & (USD Million)

Table 51. World PTC Thin-film Production Value by Type (2025-2030) & (USD Million)

Table 52. World PTC Thin-film Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World PTC Thin-film Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World PTC Thin-film Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World PTC Thin-film Production by Application (2019-2024) & (Tons)

Table 56. World PTC Thin-film Production by Application (2025-2030) & (Tons)

Table 57. World PTC Thin-film Production Value by Application (2019-2024) & (USD Million)

Table 58. World PTC Thin-film Production Value by Application (2025-2030) & (USD Million)

Table 59. World PTC Thin-film Average Price by Application (2019-2024) & (US\$/Ton)

Table 60. World PTC Thin-film Average Price by Application (2025-2030) & (US\$/Ton)

Table 61. Tokyo Cosmos Electric Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 62. Tokyo Cosmos Electric Co.,Ltd. Major Business

Table 63. Tokyo Cosmos Electric Co.,Ltd. PTC Thin-film Product and Services

Table 64. Tokyo Cosmos Electric Co.,Ltd. PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Tokyo Cosmos Electric Co.,Ltd. Recent Developments/Updates

Table 66. Tokyo Cosmos Electric Co.,Ltd. Competitive Strengths & Weaknesses

Table 67. Minco Products Basic Information, Manufacturing Base and Competitors

Table 68. Minco Products Major Business

Table 69. Minco Products PTC Thin-film Product and Services

Table 70. Minco Products PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Minco Products Recent Developments/Updates

Table 72. Minco Products Competitive Strengths & Weaknesses

Table 73. Heatron Basic Information, Manufacturing Base and Competitors

Table 74. Heatron Major Business

Table 75. Heatron PTC Thin-film Product and Services

Table 76. Heatron PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Heatron Recent Developments/Updates

Table 78. Heatron Competitive Strengths & Weaknesses

Table 79. Alper Basic Information, Manufacturing Base and Competitors

Table 80. Alper Major Business

Table 81. Alper PTC Thin-film Product and Services

Table 82. Alper PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value

(USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Alper Recent Developments/Updates

Table 84. Alper Competitive Strengths & Weaknesses

Table 85. LINEPRO Basic Information, Manufacturing Base and Competitors

Table 86. LINEPRO Major Business

Table 87. LINEPRO PTC Thin-film Product and Services

Table 88. LINEPRO PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. LINEPRO Recent Developments/Updates

Table 90. LINEPRO Competitive Strengths & Weaknesses

Table 91. EGC Enterprises Inc. Basic Information, Manufacturing Base and Competitors

Table 92. EGC Enterprises Inc. Major Business

Table 93. EGC Enterprises Inc. PTC Thin-film Product and Services

Table 94. EGC Enterprises Inc. PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. EGC Enterprises Inc. Recent Developments/Updates

Table 96. EGC Enterprises Inc. Competitive Strengths & Weaknesses

Table 97. Thermo Heating Elements Basic Information, Manufacturing Base and Competitors

Table 98. Thermo Heating Elements Major Business

Table 99. Thermo Heating Elements PTC Thin-film Product and Services

Table 100. Thermo Heating Elements PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Thermo Heating Elements Recent Developments/Updates

Table 102. Thermo Heating Elements Competitive Strengths & Weaknesses

Table 103. Caliente Termico Basic Information, Manufacturing Base and Competitors

Table 104. Caliente Termico Major Business

Table 105. Caliente Termico PTC Thin-film Product and Services

Table 106. Caliente Termico PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Caliente Termico Recent Developments/Updates

Table 108. Caliente Termico Competitive Strengths & Weaknesses

Table 109. Seggi Century Basic Information, Manufacturing Base and Competitors

Table 110. Seggi Century Major Business

Table 111. Seggi Century PTC Thin-film Product and Services

Table 112. Seggi Century PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 113. Seggi Century Recent Developments/Updates

- Table 114. Seggi Century Competitive Strengths & Weaknesses
- Table 115. SUNTECH Corp Basic Information, Manufacturing Base and Competitors
- Table 116. SUNTECH Corp Major Business
- Table 117. SUNTECH Corp PTC Thin-film Product and Services
- Table 118. SUNTECH Corp PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 119. SUNTECH Corp Recent Developments/Updates
- Table 120. SUNTECH Corp Competitive Strengths & Weaknesses
- Table 121. RexVa Basic Information, Manufacturing Base and Competitors
- Table 122. RexVa Major Business
- Table 123. RexVa PTC Thin-film Product and Services
- Table 124. RexVa PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 125. RexVa Recent Developments/Updates
- Table 126. RexVa Competitive Strengths & Weaknesses
- Table 127. DBK Basic Information, Manufacturing Base and Competitors
- Table 128. DBK Major Business
- Table 129. DBK PTC Thin-film Product and Services
- Table 130. DBK PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 131. DBK Recent Developments/Updates
- Table 132. DBK Competitive Strengths & Weaknesses
- Table 133. CERADEX Basic Information, Manufacturing Base and Competitors
- Table 134. CERADEX Major Business
- Table 135. CERADEX PTC Thin-film Product and Services
- Table 136. CERADEX PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 137. CERADEX Recent Developments/Updates
- Table 138. CERADEX Competitive Strengths & Weaknesses
- Table 139. 2ip technologies Basic Information, Manufacturing Base and Competitors
- Table 140. 2ip technologies Major Business
- Table 141. 2ip technologies PTC Thin-film Product and Services
- Table 142. 2ip technologies PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 143. 2ip technologies Recent Developments/Updates
- Table 144. 2ip technologies Competitive Strengths & Weaknesses
- Table 145. Mi-Heat Heizsysteme GmbH Basic Information, Manufacturing Base and Competitors
- Table 146. Mi-Heat Heizsysteme GmbH Major Business

Table 147. Mi-Heat Heizsysteme GmbH PTC Thin-film Product and Services

Table 148. Mi-Heat Heizsysteme GmbH PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 149. Mi-Heat Heizsysteme GmbH Recent Developments/Updates

Table 150. Jaye Industry Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 151. Jaye Industry Co.,Ltd. Major Business

Table 152. Jaye Industry Co.,Ltd. PTC Thin-film Product and Services

Table 153. Jaye Industry Co.,Ltd. PTC Thin-film Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 154. Global Key Players of PTC Thin-film Upstream (Raw Materials)

Table 155. PTC Thin-film Typical Customers

Table 156. PTC Thin-film Typical Distributors

LIST OF FIGURE

Figure 1. PTC Thin-film Picture

Figure 2. World PTC Thin-film Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World PTC Thin-film Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World PTC Thin-film Production (2019-2030) & (Tons)

Figure 5. World PTC Thin-film Average Price (2019-2030) & (US\$/Ton)

Figure 6. World PTC Thin-film Production Value Market Share by Region (2019-2030)

Figure 7. World PTC Thin-film Production Market Share by Region (2019-2030)

Figure 8. North America PTC Thin-film Production (2019-2030) & (Tons)

Figure 9. Europe PTC Thin-film Production (2019-2030) & (Tons)

Figure 10. China PTC Thin-film Production (2019-2030) & (Tons)

Figure 11. Japan PTC Thin-film Production (2019-2030) & (Tons)

Figure 12. PTC Thin-film Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 15. World PTC Thin-film Consumption Market Share by Region (2019-2030)

Figure 16. United States PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 17. China PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 18. Europe PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 19. Japan PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 20. South Korea PTC Thin-film Consumption (2019-2030) & (Tons)

Figure 21. ASEAN PTC Thin-film Consumption (2019-2030) & (Tons)

- Figure 22. India PTC Thin-film Consumption (2019-2030) & (Tons)
- Figure 23. Producer Shipments of PTC Thin-film by Manufacturer Revenue (\$MM) and Market Share (%): 2023
- Figure 24. Global Four-firm Concentration Ratios (CR4) for PTC Thin-film Markets in 2023
- Figure 25. Global Four-firm Concentration Ratios (CR8) for PTC Thin-film Markets in 2023
- Figure 26. United States VS China: PTC Thin-film Production Value Market Share Comparison (2019 & 2023 & 2030)
- Figure 27. United States VS China: PTC Thin-film Production Market Share Comparison (2019 & 2023 & 2030)
- Figure 28. United States VS China: PTC Thin-film Consumption Market Share Comparison (2019 & 2023 & 2030)
- Figure 29. United States Based Manufacturers PTC Thin-film Production Market Share 2023
- Figure 30. China Based Manufacturers PTC Thin-film Production Market Share 2023
- Figure 31. Rest of World Based Manufacturers PTC Thin-film Production Market Share 2023
- Figure 32. World PTC Thin-film Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 33. World PTC Thin-film Production Value Market Share by Type in 2023
- Figure 34. Flexible PTC Heater
- Figure 35. Ceramic PTC Heater
- Figure 36. World PTC Thin-film Production Market Share by Type (2019-2030)
- Figure 37. World PTC Thin-film Production Value Market Share by Type (2019-2030)
- Figure 38. World PTC Thin-film Average Price by Type (2019-2030) & (US\$/Ton)
- Figure 39. World PTC Thin-film Production Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 40. World PTC Thin-film Production Value Market Share by Application in 2023
- Figure 41. Consumer Electronics
- Figure 42. Automobile
- Figure 43. Military
- Figure 44. Medical
- Figure 45. Others
- Figure 46. World PTC Thin-film Production Market Share by Application (2019-2030)
- Figure 47. World PTC Thin-film Production Value Market Share by Application (2019-2030)
- Figure 48. World PTC Thin-film Average Price by Application (2019-2030) & (US\$/Ton)
- Figure 49. PTC Thin-film Industry Chain

Figure 50. PTC Thin-film Procurement Model

Figure 51. PTC Thin-film Sales Model

Figure 52. PTC Thin-film Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

I would like to order

Product name: Global PTC Thin-film Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/G292FB0A7567EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G292FB0A7567EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970