

# Global Nano-Ag Pastes Supply, Demand and Key Producers, 2024-2030

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## Abstracts

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

The electronics industry is a major consumer of Nano-Ag pastes. The increasing demand for smaller, more efficient, and high-performance electronic devices, as well as the rise of applications like flexible and printed electronics, has driven the use of Nano-Ag pastes. Nano-Ag pastes are particularly well-suited for flexible and stretchable electronics. The trend towards wearable devices, flexible displays, and printed electronics has contributed to the growing demand for Nano-Ag pastes. In the electronics packaging sector, Nano-Ag pastes are increasingly used as die-attach materials, especially in applications where traditional soldering methods may not be suitable due to high temperatures or sensitive components.

Nano silver paste is designed for die-attach bonding, especially for power semiconductors like SiC (Silicon Carbide) and GaN (Gallium Nitride). Nano silver pastes are gaining popularity as die-attach materials due to their ability to bond at low temperatures and their suitability for applications requiring high operating temperatures, where traditional solder materials may not be ideal. Nano-Ag paste is compatible with dispensing and printing process and equipments for conventional solder paste. It is especially suitable for the third generation semiconductor application. Silver sintered pastes offer a robust lead-free alternative to solder pastes increasing the lifetime of the device up to 10 times. It can be applied to printing or dispensing processes, which can ensure higher thermal conductivity in lead frame and LED packaging applications.

This report studies the global Nano-Ag Pastes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nano-Ag Pastes, 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 Nano-Ag Pastes that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nano-Ag Pastes total production and demand, 2019-2030, (Tons)

Global Nano-Ag Pastes total production value, 2019-2030, (USD Million)

Global Nano-Ag Pastes production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Nano-Ag Pastes consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Nano-Ag Pastes domestic production, consumption, key domestic manufacturers and share

Global Nano-Ag Pastes production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Nano-Ag Pastes production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Nano-Ag Pastes production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Nano-Ag Pastes 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 Electronics, DuPont, Sumitomo Metal Mining Co., Ltd., Namics Corporation, Tanaka Precious Metals, Kyocera, Bando Chemical Industries, LTD., Indium and Alpha Assembly Solutions, 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 Nano-Ag Pastes 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 Nano-Ag Pastes Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Nano-Ag Pastes Market, Segmentation by Type

Pressure Sintering

Pressure-less Sintering

Global Nano-Ag Pastes Market, Segmentation by Application

SMT Assembly

Semiconductor Packaging

Automobile Industry

Medical Industry

Others

Companies Profiled:

Heraeus Electronics

DuPont

Sumitomo Metal Mining Co., Ltd.

Namics Corporation

Tanaka Precious Metals

Kyocera

Bando Chemical Industries, LTD.

Indium

Alpha Assembly Solutions

Henkel

Hitachi Chemical

Yongoo Technology

Dongguan Darbond YizTech Material

Namics

Advanced Joining Technology

Nordson EFD

Palomar Technologies

Nihon Superior

Nihon Handa

NBE Tech

Solderwell Advanced Materials

Guangzhou Xianyi Electronic Technology

## Key Questions Answered

1. How big is the global Nano-Ag Pastes market?
2. What is the demand of the global Nano-Ag Pastes market?
3. What is the year over year growth of the global Nano-Ag Pastes market?
4. What is the production and production value of the global Nano-Ag Pastes market?
5. Who are the key producers in the global Nano-Ag Pastes market?

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### 3 WORLD NANO-AG PASTES MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Nano-Ag Pastes Production Value by Manufacturer (2019-2024)

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

(2019-2024)

4.4.3 United States Based Manufacturers Nano-Ag Pastes Production (2019-2024)

4.5 China Based Nano-Ag Pastes Manufacturers and Market Share

4.5.1 China Based Nano-Ag Pastes Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Nano-Ag Pastes Production Value (2019-2024)

4.5.3 China Based Manufacturers Nano-Ag Pastes Production (2019-2024)

4.6 Rest of World Based Nano-Ag Pastes Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Nano-Ag Pastes Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Nano-Ag Pastes Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Nano-Ag Pastes Production (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Nano-Ag Pastes Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Pressure Sintering

5.2.2 Pressure-less Sintering

5.3 Market Segment by Type

5.3.1 World Nano-Ag Pastes Production by Type (2019-2030)

5.3.2 World Nano-Ag Pastes Production Value by Type (2019-2030)

5.3.3 World Nano-Ag Pastes Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Nano-Ag Pastes Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 SMT Assembly

6.2.2 Semiconductor Packaging

6.2.3 Automobile Industry

6.2.4 Medical Industry

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Nano-Ag Pastes Production by Application (2019-2030)

6.3.2 World Nano-Ag Pastes Production Value by Application (2019-2030)

6.3.3 World Nano-Ag Pastes Average Price by Application (2019-2030)



## 7 COMPANY PROFILES

### 7.1 Heraeus Electronics

7.1.1 Heraeus Electronics Details

7.1.2 Heraeus Electronics Major Business

7.1.3 Heraeus Electronics Nano-Ag Pastes Product and Services

7.1.4 Heraeus Electronics Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Heraeus Electronics Recent Developments/Updates

7.1.6 Heraeus Electronics Competitive Strengths & Weaknesses

### 7.2 DuPont

7.2.1 DuPont Details

7.2.2 DuPont Major Business

7.2.3 DuPont Nano-Ag Pastes Product and Services

7.2.4 DuPont Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 DuPont Recent Developments/Updates

7.2.6 DuPont Competitive Strengths & Weaknesses

### 7.3 Sumitomo Metal Mining Co., Ltd.

7.3.1 Sumitomo Metal Mining Co., Ltd. Details

7.3.2 Sumitomo Metal Mining Co., Ltd. Major Business

7.3.3 Sumitomo Metal Mining Co., Ltd. Nano-Ag Pastes Product and Services

7.3.4 Sumitomo Metal Mining Co., Ltd. Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 Sumitomo Metal Mining Co., Ltd. Recent Developments/Updates

7.3.6 Sumitomo Metal Mining Co., Ltd. Competitive Strengths & Weaknesses

### 7.4 Namics Corporation

7.4.1 Namics Corporation Details

7.4.2 Namics Corporation Major Business

7.4.3 Namics Corporation Nano-Ag Pastes Product and Services

7.4.4 Namics Corporation Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Namics Corporation Recent Developments/Updates

7.4.6 Namics Corporation Competitive Strengths & Weaknesses

### 7.5 Tanaka Precious Metals

7.5.1 Tanaka Precious Metals Details

7.5.2 Tanaka Precious Metals Major Business

7.5.3 Tanaka Precious Metals Nano-Ag Pastes Product and Services

7.5.4 Tanaka Precious Metals Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 Tanaka Precious Metals Recent Developments/Updates

7.5.6 Tanaka Precious Metals Competitive Strengths & Weaknesses

7.6 Kyocera

7.6.1 Kyocera Details

7.6.2 Kyocera Major Business

7.6.3 Kyocera Nano-Ag Pastes Product and Services

7.6.4 Kyocera Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.6.5 Kyocera Recent Developments/Updates

7.6.6 Kyocera Competitive Strengths & Weaknesses

7.7 Bando Chemical Industries, LTD.

7.7.1 Bando Chemical Industries, LTD. Details

7.7.2 Bando Chemical Industries, LTD. Major Business

7.7.3 Bando Chemical Industries, LTD. Nano-Ag Pastes Product and Services

7.7.4 Bando Chemical Industries, LTD. Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.7.5 Bando Chemical Industries, LTD. Recent Developments/Updates

7.7.6 Bando Chemical Industries, LTD. Competitive Strengths & Weaknesses

7.8 Indium

7.8.1 Indium Details

7.8.2 Indium Major Business

7.8.3 Indium Nano-Ag Pastes Product and Services

7.8.4 Indium Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.8.5 Indium Recent Developments/Updates

7.8.6 Indium Competitive Strengths & Weaknesses

7.9 Alpha Assembly Solutions

7.9.1 Alpha Assembly Solutions Details

7.9.2 Alpha Assembly Solutions Major Business

7.9.3 Alpha Assembly Solutions Nano-Ag Pastes Product and Services

7.9.4 Alpha Assembly Solutions Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.9.5 Alpha Assembly Solutions Recent Developments/Updates

7.9.6 Alpha Assembly Solutions Competitive Strengths & Weaknesses

7.10 Henkel

7.10.1 Henkel Details

7.10.2 Henkel Major Business

- 7.10.3 Henkel Nano-Ag Pastes Product and Services
- 7.10.4 Henkel Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.10.5 Henkel Recent Developments/Updates
- 7.10.6 Henkel Competitive Strengths & Weaknesses
- 7.11 Hitachi Chemical
  - 7.11.1 Hitachi Chemical Details
  - 7.11.2 Hitachi Chemical Major Business
  - 7.11.3 Hitachi Chemical Nano-Ag Pastes Product and Services
  - 7.11.4 Hitachi Chemical Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.11.5 Hitachi Chemical Recent Developments/Updates
  - 7.11.6 Hitachi Chemical Competitive Strengths & Weaknesses
- 7.12 Yongoo Technology
  - 7.12.1 Yongoo Technology Details
  - 7.12.2 Yongoo Technology Major Business
  - 7.12.3 Yongoo Technology Nano-Ag Pastes Product and Services
  - 7.12.4 Yongoo Technology Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.12.5 Yongoo Technology Recent Developments/Updates
  - 7.12.6 Yongoo Technology Competitive Strengths & Weaknesses
- 7.13 Dongguan Darbond YizTech Material
  - 7.13.1 Dongguan Darbond YizTech Material Details
  - 7.13.2 Dongguan Darbond YizTech Material Major Business
  - 7.13.3 Dongguan Darbond YizTech Material Nano-Ag Pastes Product and Services
  - 7.13.4 Dongguan Darbond YizTech Material Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.13.5 Dongguan Darbond YizTech Material Recent Developments/Updates
  - 7.13.6 Dongguan Darbond YizTech Material Competitive Strengths & Weaknesses
- 7.14 Namics
  - 7.14.1 Namics Details
  - 7.14.2 Namics Major Business
  - 7.14.3 Namics Nano-Ag Pastes Product and Services
  - 7.14.4 Namics Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.14.5 Namics Recent Developments/Updates
  - 7.14.6 Namics Competitive Strengths & Weaknesses
- 7.15 Advanced Joining Technology
  - 7.15.1 Advanced Joining Technology Details

- 7.15.2 Advanced Joining Technology Major Business
- 7.15.3 Advanced Joining Technology Nano-Ag Pastes Product and Services
- 7.15.4 Advanced Joining Technology Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.15.5 Advanced Joining Technology Recent Developments/Updates
- 7.15.6 Advanced Joining Technology Competitive Strengths & Weaknesses
- 7.16 Nordson EFD
  - 7.16.1 Nordson EFD Details
  - 7.16.2 Nordson EFD Major Business
  - 7.16.3 Nordson EFD Nano-Ag Pastes Product and Services
  - 7.16.4 Nordson EFD Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.16.5 Nordson EFD Recent Developments/Updates
  - 7.16.6 Nordson EFD Competitive Strengths & Weaknesses
- 7.17 Palomar Technologies
  - 7.17.1 Palomar Technologies Details
  - 7.17.2 Palomar Technologies Major Business
  - 7.17.3 Palomar Technologies Nano-Ag Pastes Product and Services
  - 7.17.4 Palomar Technologies Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.17.5 Palomar Technologies Recent Developments/Updates
  - 7.17.6 Palomar Technologies Competitive Strengths & Weaknesses
- 7.18 Nihon Superior
  - 7.18.1 Nihon Superior Details
  - 7.18.2 Nihon Superior Major Business
  - 7.18.3 Nihon Superior Nano-Ag Pastes Product and Services
  - 7.18.4 Nihon Superior Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.18.5 Nihon Superior Recent Developments/Updates
  - 7.18.6 Nihon Superior Competitive Strengths & Weaknesses
- 7.19 Nihon Handa
  - 7.19.1 Nihon Handa Details
  - 7.19.2 Nihon Handa Major Business
  - 7.19.3 Nihon Handa Nano-Ag Pastes Product and Services
  - 7.19.4 Nihon Handa Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.19.5 Nihon Handa Recent Developments/Updates
  - 7.19.6 Nihon Handa Competitive Strengths & Weaknesses
- 7.20 NBE Tech

- 7.20.1 NBE Tech Details
- 7.20.2 NBE Tech Major Business
- 7.20.3 NBE Tech Nano-Ag Pastes Product and Services
- 7.20.4 NBE Tech Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.20.5 NBE Tech Recent Developments/Updates
- 7.20.6 NBE Tech Competitive Strengths & Weaknesses
- 7.21 Solderwell Advanced Materials
  - 7.21.1 Solderwell Advanced Materials Details
  - 7.21.2 Solderwell Advanced Materials Major Business
  - 7.21.3 Solderwell Advanced Materials Nano-Ag Pastes Product and Services
  - 7.21.4 Solderwell Advanced Materials Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.21.5 Solderwell Advanced Materials Recent Developments/Updates
  - 7.21.6 Solderwell Advanced Materials Competitive Strengths & Weaknesses
- 7.22 Guangzhou Xianyi Electronic Technology
  - 7.22.1 Guangzhou Xianyi Electronic Technology Details
  - 7.22.2 Guangzhou Xianyi Electronic Technology Major Business
  - 7.22.3 Guangzhou Xianyi Electronic Technology Nano-Ag Pastes Product and Services
  - 7.22.4 Guangzhou Xianyi Electronic Technology Nano-Ag Pastes Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.22.5 Guangzhou Xianyi Electronic Technology Recent Developments/Updates
  - 7.22.6 Guangzhou Xianyi Electronic Technology Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Nano-Ag Pastes Industry Chain
- 8.2 Nano-Ag Pastes Upstream Analysis
  - 8.2.1 Nano-Ag Pastes Core Raw Materials
  - 8.2.2 Main Manufacturers of Nano-Ag Pastes Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Nano-Ag Pastes Production Mode
- 8.6 Nano-Ag Pastes Procurement Model
- 8.7 Nano-Ag Pastes Industry Sales Model and Sales Channels
  - 8.7.1 Nano-Ag Pastes Sales Model
  - 8.7.2 Nano-Ag Pastes 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 Nano-Ag Pastes Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Nano-Ag Pastes Production Value by Region (2019-2024) & (USD Million)

Table 3. World Nano-Ag Pastes Production Value by Region (2025-2030) & (USD Million)

Table 4. World Nano-Ag Pastes Production Value Market Share by Region (2019-2024)

Table 5. World Nano-Ag Pastes Production Value Market Share by Region (2025-2030)

Table 6. World Nano-Ag Pastes Production by Region (2019-2024) & (Tons)

Table 7. World Nano-Ag Pastes Production by Region (2025-2030) & (Tons)

Table 8. World Nano-Ag Pastes Production Market Share by Region (2019-2024)

Table 9. World Nano-Ag Pastes Production Market Share by Region (2025-2030)

Table 10. World Nano-Ag Pastes Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World Nano-Ag Pastes Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. Nano-Ag Pastes Major Market Trends

Table 13. World Nano-Ag Pastes Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World Nano-Ag Pastes Consumption by Region (2019-2024) & (Tons)

Table 15. World Nano-Ag Pastes Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World Nano-Ag Pastes Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Nano-Ag Pastes Producers in 2023

Table 18. World Nano-Ag Pastes Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key Nano-Ag Pastes Producers in 2023

Table 20. World Nano-Ag Pastes Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global Nano-Ag Pastes Company Evaluation Quadrant

Table 22. World Nano-Ag Pastes Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Nano-Ag Pastes Production Site of Key Manufacturer

Table 24. Nano-Ag Pastes Market: Company Product Type Footprint

Table 25. Nano-Ag Pastes Market: Company Product Application Footprint

Table 26. Nano-Ag Pastes Competitive Factors

Table 27. Nano-Ag Pastes New Entrant and Capacity Expansion Plans

Table 28. Nano-Ag Pastes Mergers & Acquisitions Activity

Table 29. United States VS China Nano-Ag Pastes Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Nano-Ag Pastes Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China Nano-Ag Pastes Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based Nano-Ag Pastes Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Nano-Ag Pastes Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Nano-Ag Pastes Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Nano-Ag Pastes Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers Nano-Ag Pastes Production Market Share (2019-2024)

Table 37. China Based Nano-Ag Pastes Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Nano-Ag Pastes Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Nano-Ag Pastes Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Nano-Ag Pastes Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers Nano-Ag Pastes Production Market Share (2019-2024)

Table 42. Rest of World Based Nano-Ag Pastes Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Nano-Ag Pastes Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Nano-Ag Pastes Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Nano-Ag Pastes Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers Nano-Ag Pastes Production Market Share (2019-2024)

Table 47. World Nano-Ag Pastes Production Value by Type, (USD Million), 2019 & 2023 & 2030



- Table 48. World Nano-Ag Pastes Production by Type (2019-2024) & (Tons)
- Table 49. World Nano-Ag Pastes Production by Type (2025-2030) & (Tons)
- Table 50. World Nano-Ag Pastes Production Value by Type (2019-2024) & (USD Million)
- Table 51. World Nano-Ag Pastes Production Value by Type (2025-2030) & (USD Million)
- Table 52. World Nano-Ag Pastes Average Price by Type (2019-2024) & (US\$/Ton)
- Table 53. World Nano-Ag Pastes Average Price by Type (2025-2030) & (US\$/Ton)
- Table 54. World Nano-Ag Pastes Production Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 55. World Nano-Ag Pastes Production by Application (2019-2024) & (Tons)
- Table 56. World Nano-Ag Pastes Production by Application (2025-2030) & (Tons)
- Table 57. World Nano-Ag Pastes Production Value by Application (2019-2024) & (USD Million)
- Table 58. World Nano-Ag Pastes Production Value by Application (2025-2030) & (USD Million)
- Table 59. World Nano-Ag Pastes Average Price by Application (2019-2024) & (US\$/Ton)
- Table 60. World Nano-Ag Pastes Average Price by Application (2025-2030) & (US\$/Ton)
- Table 61. Heraeus Electronics Basic Information, Manufacturing Base and Competitors
- Table 62. Heraeus Electronics Major Business
- Table 63. Heraeus Electronics Nano-Ag Pastes Product and Services
- Table 64. Heraeus Electronics Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 65. Heraeus Electronics Recent Developments/Updates
- Table 66. Heraeus Electronics Competitive Strengths & Weaknesses
- Table 67. DuPont Basic Information, Manufacturing Base and Competitors
- Table 68. DuPont Major Business
- Table 69. DuPont Nano-Ag Pastes Product and Services
- Table 70. DuPont Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 71. DuPont Recent Developments/Updates
- Table 72. DuPont Competitive Strengths & Weaknesses
- Table 73. Sumitomo Metal Mining Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 74. Sumitomo Metal Mining Co., Ltd. Major Business
- Table 75. Sumitomo Metal Mining Co., Ltd. Nano-Ag Pastes Product and Services
- Table 76. Sumitomo Metal Mining Co., Ltd. Nano-Ag Pastes Production (Tons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Sumitomo Metal Mining Co., Ltd. Recent Developments/Updates

Table 78. Sumitomo Metal Mining Co., Ltd. Competitive Strengths & Weaknesses

Table 79. Namics Corporation Basic Information, Manufacturing Base and Competitors

Table 80. Namics Corporation Major Business

Table 81. Namics Corporation Nano-Ag Pastes Product and Services

Table 82. Namics Corporation Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Namics Corporation Recent Developments/Updates

Table 84. Namics Corporation Competitive Strengths & Weaknesses

Table 85. Tanaka Precious Metals Basic Information, Manufacturing Base and Competitors

Table 86. Tanaka Precious Metals Major Business

Table 87. Tanaka Precious Metals Nano-Ag Pastes Product and Services

Table 88. Tanaka Precious Metals Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. Tanaka Precious Metals Recent Developments/Updates

Table 90. Tanaka Precious Metals Competitive Strengths & Weaknesses

Table 91. Kyocera Basic Information, Manufacturing Base and Competitors

Table 92. Kyocera Major Business

Table 93. Kyocera Nano-Ag Pastes Product and Services

Table 94. Kyocera Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. Kyocera Recent Developments/Updates

Table 96. Kyocera Competitive Strengths & Weaknesses

Table 97. Bando Chemical Industries, LTD. Basic Information, Manufacturing Base and Competitors

Table 98. Bando Chemical Industries, LTD. Major Business

Table 99. Bando Chemical Industries, LTD. Nano-Ag Pastes Product and Services

Table 100. Bando Chemical Industries, LTD. Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Bando Chemical Industries, LTD. Recent Developments/Updates

Table 102. Bando Chemical Industries, LTD. Competitive Strengths & Weaknesses

Table 103. Indium Basic Information, Manufacturing Base and Competitors

Table 104. Indium Major Business

Table 105. Indium Nano-Ag Pastes Product and Services

Table 106. Indium Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production

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

Table 107. Indium Recent Developments/Updates

Table 108. Indium Competitive Strengths & Weaknesses

Table 109. Alpha Assembly Solutions Basic Information, Manufacturing Base and Competitors

Table 110. Alpha Assembly Solutions Major Business

Table 111. Alpha Assembly Solutions Nano-Ag Pastes Product and Services

Table 112. Alpha Assembly Solutions Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 113. Alpha Assembly Solutions Recent Developments/Updates

Table 114. Alpha Assembly Solutions Competitive Strengths & Weaknesses

Table 115. Henkel Basic Information, Manufacturing Base and Competitors

Table 116. Henkel Major Business

Table 117. Henkel Nano-Ag Pastes Product and Services

Table 118. Henkel Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 119. Henkel Recent Developments/Updates

Table 120. Henkel Competitive Strengths & Weaknesses

Table 121. Hitachi Chemical Basic Information, Manufacturing Base and Competitors

Table 122. Hitachi Chemical Major Business

Table 123. Hitachi Chemical Nano-Ag Pastes Product and Services

Table 124. Hitachi Chemical Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 125. Hitachi Chemical Recent Developments/Updates

Table 126. Hitachi Chemical Competitive Strengths & Weaknesses

Table 127. Yongoo Technology Basic Information, Manufacturing Base and Competitors

Table 128. Yongoo Technology Major Business

Table 129. Yongoo Technology Nano-Ag Pastes Product and Services

Table 130. Yongoo Technology Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 131. Yongoo Technology Recent Developments/Updates

Table 132. Yongoo Technology Competitive Strengths & Weaknesses

Table 133. Dongguan Darbond YizTech Material Basic Information, Manufacturing Base and Competitors

Table 134. Dongguan Darbond YizTech Material Major Business

Table 135. Dongguan Darbond YizTech Material Nano-Ag Pastes Product and Services

Table 136. Dongguan Darbond YizTech Material Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2019-2024)

Table 137. Dongguan Darbond YizTech Material Recent Developments/Updates

Table 138. Dongguan Darbond YizTech Material Competitive Strengths & Weaknesses

Table 139. Namics Basic Information, Manufacturing Base and Competitors

Table 140. Namics Major Business

Table 141. Namics Nano-Ag Pastes Product and Services

Table 142. Namics Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 143. Namics Recent Developments/Updates

Table 144. Namics Competitive Strengths & Weaknesses

Table 145. Advanced Joining Technology Basic Information, Manufacturing Base and Competitors

Table 146. Advanced Joining Technology Major Business

Table 147. Advanced Joining Technology Nano-Ag Pastes Product and Services

Table 148. Advanced Joining Technology Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 149. Advanced Joining Technology Recent Developments/Updates

Table 150. Advanced Joining Technology Competitive Strengths & Weaknesses

Table 151. Nordson EFD Basic Information, Manufacturing Base and Competitors

Table 152. Nordson EFD Major Business

Table 153. Nordson EFD Nano-Ag Pastes Product and Services

Table 154. Nordson EFD Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 155. Nordson EFD Recent Developments/Updates

Table 156. Nordson EFD Competitive Strengths & Weaknesses

Table 157. Palomar Technologies Basic Information, Manufacturing Base and Competitors

Table 158. Palomar Technologies Major Business

Table 159. Palomar Technologies Nano-Ag Pastes Product and Services

Table 160. Palomar Technologies Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 161. Palomar Technologies Recent Developments/Updates

Table 162. Palomar Technologies Competitive Strengths & Weaknesses

Table 163. Nihon Superior Basic Information, Manufacturing Base and Competitors

Table 164. Nihon Superior Major Business

Table 165. Nihon Superior Nano-Ag Pastes Product and Services

Table 166. Nihon Superior Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

- Table 167. Nihon Superior Recent Developments/Updates
- Table 168. Nihon Superior Competitive Strengths & Weaknesses
- Table 169. Nihon Handa Basic Information, Manufacturing Base and Competitors
- Table 170. Nihon Handa Major Business
- Table 171. Nihon Handa Nano-Ag Pastes Product and Services
- Table 172. Nihon Handa Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 173. Nihon Handa Recent Developments/Updates
- Table 174. Nihon Handa Competitive Strengths & Weaknesses
- Table 175. NBE Tech Basic Information, Manufacturing Base and Competitors
- Table 176. NBE Tech Major Business
- Table 177. NBE Tech Nano-Ag Pastes Product and Services
- Table 178. NBE Tech Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 179. NBE Tech Recent Developments/Updates
- Table 180. NBE Tech Competitive Strengths & Weaknesses
- Table 181. Solderwell Advanced Materials Basic Information, Manufacturing Base and Competitors
- Table 182. Solderwell Advanced Materials Major Business
- Table 183. Solderwell Advanced Materials Nano-Ag Pastes Product and Services
- Table 184. Solderwell Advanced Materials Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 185. Solderwell Advanced Materials Recent Developments/Updates
- Table 186. Guangzhou Xianyi Electronic Technology Basic Information, Manufacturing Base and Competitors
- Table 187. Guangzhou Xianyi Electronic Technology Major Business
- Table 188. Guangzhou Xianyi Electronic Technology Nano-Ag Pastes Product and Services
- Table 189. Guangzhou Xianyi Electronic Technology Nano-Ag Pastes Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 190. Global Key Players of Nano-Ag Pastes Upstream (Raw Materials)
- Table 191. Nano-Ag Pastes Typical Customers
- Table 192. Nano-Ag Pastes Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Nano-Ag Pastes Picture

Figure 2. World Nano-Ag Pastes Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Nano-Ag Pastes Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Nano-Ag Pastes Production (2019-2030) & (Tons)

Figure 5. World Nano-Ag Pastes Average Price (2019-2030) & (US\$/Ton)

Figure 6. World Nano-Ag Pastes Production Value Market Share by Region (2019-2030)

Figure 7. World Nano-Ag Pastes Production Market Share by Region (2019-2030)

Figure 8. North America Nano-Ag Pastes Production (2019-2030) & (Tons)

Figure 9. Europe Nano-Ag Pastes Production (2019-2030) & (Tons)

Figure 10. China Nano-Ag Pastes Production (2019-2030) & (Tons)

Figure 11. Japan Nano-Ag Pastes Production (2019-2030) & (Tons)

Figure 12. Nano-Ag Pastes Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 15. World Nano-Ag Pastes Consumption Market Share by Region (2019-2030)

Figure 16. United States Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 17. China Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 18. Europe Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 19. Japan Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 20. South Korea Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 21. ASEAN Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 22. India Nano-Ag Pastes Consumption (2019-2030) & (Tons)

Figure 23. Producer Shipments of Nano-Ag Pastes by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Nano-Ag Pastes Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Nano-Ag Pastes Markets in 2023

Figure 26. United States VS China: Nano-Ag Pastes Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Nano-Ag Pastes Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Nano-Ag Pastes Consumption Market Share

Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Nano-Ag Pastes Production Market Share 2023

Figure 30. China Based Manufacturers Nano-Ag Pastes Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Nano-Ag Pastes Production Market Share 2023

Figure 32. World Nano-Ag Pastes Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Nano-Ag Pastes Production Value Market Share by Type in 2023

Figure 34. Pressure Sintering

Figure 35. Pressure-less Sintering

Figure 36. World Nano-Ag Pastes Production Market Share by Type (2019-2030)

Figure 37. World Nano-Ag Pastes Production Value Market Share by Type (2019-2030)

Figure 38. World Nano-Ag Pastes Average Price by Type (2019-2030) & (US\$/Ton)

Figure 39. World Nano-Ag Pastes Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 40. World Nano-Ag Pastes Production Value Market Share by Application in 2023

Figure 41. SMT Assembly

Figure 42. Semiconductor Packaging

Figure 43. Automobile Industry

Figure 44. Medical Industry

Figure 45. Others

Figure 46. World Nano-Ag Pastes Production Market Share by Application (2019-2030)

Figure 47. World Nano-Ag Pastes Production Value Market Share by Application (2019-2030)

Figure 48. World Nano-Ag Pastes Average Price by Application (2019-2030) & (US\$/Ton)

Figure 49. Nano-Ag Pastes Industry Chain

Figure 50. Nano-Ag Pastes Procurement Model

Figure 51. Nano-Ag Pastes Sales Model

Figure 52. Nano-Ag Pastes Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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