

## Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Research Report 2023

https://marketpublishers.com/r/G51F6977776FEN.html

Date: November 2023

Pages: 101

Price: US\$ 2,900.00 (Single User License)

ID: G51F6977776FEN

## **Abstracts**

This report aims to provide a comprehensive presentation of the global market for Ultrahigh Purity Metal Sputtering Targets for Semiconductors, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Ultra-high Purity Metal Sputtering Targets for Semiconductors.

The Ultra-high Purity Metal Sputtering Targets for Semiconductors market size, estimations, and forecasts are provided in terms of output/shipments (Tons) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Ultra-high Purity Metal Sputtering Targets for Semiconductors market comprehensively. Regional market sizes, concerning products by purity, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Ultra-high Purity Metal Sputtering Targets for Semiconductors manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by purity, by application, and by regions.

By Company



JX Nippon Mining & Metals Corporation
Materion
TANAKA
Hitachi Metals
Plansee SE
Luoyang Sifon Electronic Materials
Sumitomo Chemical
Konfoong Materials International
Linde
TOSOH
Honeywell
ULVAC
Advantec
Fujian Acetron New Materials
Changzhou Sujing Electronic Material
GRIKIN Advanced Material
Umicore
Angstrom Sciences
HC Starck Solutions



Segment by Purity		
5N		
5N5		
6N		
Others		
Segment by Application		
Wafer Fabrication		
Assembly and Testing		
Production by Region		
North America		
Europe		
China		
Japan		
Consumption by Region		
North America		
United States		
Canada		
Europe		



	Germany		
	France		
	U.K.		
	Italy		
	Russia		
Asia-l	Pacific		
	China		
	Japan		
	South Korea		
	China Taiwan		
	Southeast Asia		
	India		
Latin America			
	Mexico		
	Brazil		

## Core Chapters

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by purity, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.



Chapter 2: Detailed analysis of Ultra-high Purity Metal Sputtering Targets for Semiconductors manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of Ultra-high Purity Metal Sputtering Targets for Semiconductors by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 4: Consumption of Ultra-high Purity Metal Sputtering Targets for Semiconductors in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 5: Provides the analysis of various market segments by purity, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 8: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.



## **Contents**

#### 1 STUDY COVERAGE

- 1.1 Non-phthalate based Plasticizer Product Introduction
- 1.2 Market by Type
- 1.2.1 Global Non-phthalate based Plasticizer Market Size by Type, 2018 VS 2022 VS 2029
  - 1.2.2 Adipates
  - 1.2.3 Trimellitates
  - 1.2.4 Benzoates
  - 1.2.5 Epoxies
  - 1.2.6 Others
- 1.3 Market by Application
- 1.3.1 Global Non-phthalate based Plasticizer Market Size by Application, 2018 VS 2022 VS 2029
  - 1.3.2 Flooring & Wall Coverings
  - 1.3.3 Film & Sheet
  - 1.3.4 Wire & Cable
  - 1.3.5 Consumer Goods
  - 1.3.6 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Objectives
- 1.6 Years Considered

#### 2 GLOBAL NON-PHTHALATE BASED PLASTICIZER PRODUCTION

- 2.1 Global Non-phthalate based Plasticizer Production Capacity (2018-2029)
- 2.2 Global Non-phthalate based Plasticizer Production by Region: 2018 VS 2022 VS 2029
- 2.3 Global Non-phthalate based Plasticizer Production by Region
- 2.3.1 Global Non-phthalate based Plasticizer Historic Production by Region (2018-2023)
- 2.3.2 Global Non-phthalate based Plasticizer Forecasted Production by Region (2024-2029)
- 2.3.3 Global Non-phthalate based Plasticizer Production Market Share by Region (2018-2029)
- 2.4 North America
- 2.5 Europe



- 2.6 China
- 2.7 Japan

#### **3 EXECUTIVE SUMMARY**

- 3.1 Global Non-phthalate based Plasticizer Revenue Estimates and Forecasts 2018-2029
- 3.2 Global Non-phthalate based Plasticizer Revenue by Region
- 3.2.1 Global Non-phthalate based Plasticizer Revenue by Region: 2018 VS 2022 VS 2029
  - 3.2.2 Global Non-phthalate based Plasticizer Revenue by Region (2018-2023)
- 3.2.3 Global Non-phthalate based Plasticizer Revenue by Region (2024-2029)
- 3.2.4 Global Non-phthalate based Plasticizer Revenue Market Share by Region (2018-2029)
- 3.3 Global Non-phthalate based Plasticizer Sales Estimates and Forecasts 2018-2029
- 3.4 Global Non-phthalate based Plasticizer Sales by Region
  - 3.4.1 Global Non-phthalate based Plasticizer Sales by Region: 2018 VS 2022 VS 2029
  - 3.4.2 Global Non-phthalate based Plasticizer Sales by Region (2018-2023)
  - 3.4.3 Global Non-phthalate based Plasticizer Sales by Region (2024-2029)
- 3.4.4 Global Non-phthalate based Plasticizer Sales Market Share by Region (2018-2029)
- 3.5 US & Canada
- 3.6 Europe
- 3.7 China
- 3.8 Asia (excluding China)
- 3.9 Middle East, Africa and Latin America

#### **4 COMPETITION BY MANUFACTURES**

- 4.1 Global Non-phthalate based Plasticizer Sales by Manufacturers
  - 4.1.1 Global Non-phthalate based Plasticizer Sales by Manufacturers (2018-2023)
- 4.1.2 Global Non-phthalate based Plasticizer Sales Market Share by Manufacturers (2018-2023)
- 4.1.3 Global Top 10 and Top 5 Largest Manufacturers of Non-phthalate based Plasticizer in 2022
- 4.2 Global Non-phthalate based Plasticizer Revenue by Manufacturers
- 4.2.1 Global Non-phthalate based Plasticizer Revenue by Manufacturers (2018-2023)
- 4.2.2 Global Non-phthalate based Plasticizer Revenue Market Share by Manufacturers (2018-2023)



- 4.2.3 Global Top 10 and Top 5 Companies by Non-phthalate based Plasticizer Revenue in 2022
- 4.3 Global Non-phthalate based Plasticizer Sales Price by Manufacturers
- 4.4 Global Key Players of Non-phthalate based Plasticizer, Industry Ranking, 2021 VS 2022 VS 2023
- 4.5 Analysis of Competitive Landscape
  - 4.5.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
- 4.5.2 Global Non-phthalate based Plasticizer Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 4.6 Global Key Manufacturers of Non-phthalate based Plasticizer, Manufacturing Base Distribution and Headquarters
- 4.7 Global Key Manufacturers of Non-phthalate based Plasticizer, Product Offered and Application
- 4.8 Global Key Manufacturers of Non-phthalate based Plasticizer, Date of Enter into This Industry
- 4.9 Mergers & Acquisitions, Expansion Plans

#### **5 MARKET SIZE BY TYPE**

- 5.1 Global Non-phthalate based Plasticizer Sales by Type
  - 5.1.1 Global Non-phthalate based Plasticizer Historical Sales by Type (2018-2023)
  - 5.1.2 Global Non-phthalate based Plasticizer Forecasted Sales by Type (2024-2029)
  - 5.1.3 Global Non-phthalate based Plasticizer Sales Market Share by Type (2018-2029)
- 5.2 Global Non-phthalate based Plasticizer Revenue by Type
  - 5.2.1 Global Non-phthalate based Plasticizer Historical Revenue by Type (2018-2023)
- 5.2.2 Global Non-phthalate based Plasticizer Forecasted Revenue by Type (2024-2029)
- 5.2.3 Global Non-phthalate based Plasticizer Revenue Market Share by Type (2018-2029)
- 5.3 Global Non-phthalate based Plasticizer Price by Type
  - 5.3.1 Global Non-phthalate based Plasticizer Price by Type (2018-2023)
  - 5.3.2 Global Non-phthalate based Plasticizer Price Forecast by Type (2024-2029)

#### **6 MARKET SIZE BY APPLICATION**

- 6.1 Global Non-phthalate based Plasticizer Sales by Application
- 6.1.1 Global Non-phthalate based Plasticizer Historical Sales by Application (2018-2023)
- 6.1.2 Global Non-phthalate based Plasticizer Forecasted Sales by Application



(2024-2029)

- 6.1.3 Global Non-phthalate based Plasticizer Sales Market Share by Application (2018-2029)
- 6.2 Global Non-phthalate based Plasticizer Revenue by Application
- 6.2.1 Global Non-phthalate based Plasticizer Historical Revenue by Application (2018-2023)
- 6.2.2 Global Non-phthalate based Plasticizer Forecasted Revenue by Application (2024-2029)
- 6.2.3 Global Non-phthalate based Plasticizer Revenue Market Share by Application (2018-2029)
- 6.3 Global Non-phthalate based Plasticizer Price by Application
  - 6.3.1 Global Non-phthalate based Plasticizer Price by Application (2018-2023)
- 6.3.2 Global Non-phthalate based Plasticizer Price Forecast by Application (2024-2029)

#### **7 US & CANADA**

- 7.1 US & Canada Non-phthalate based Plasticizer Market Size by Type
  - 7.1.1 US & Canada Non-phthalate based Plasticizer Sales by Type (2018-2029)
  - 7.1.2 US & Canada Non-phthalate based Plasticizer Revenue by Type (2018-2029)
- 7.2 US & Canada Non-phthalate based Plasticizer Market Size by Application
  - 7.2.1 US & Canada Non-phthalate based Plasticizer Sales by Application (2018-2029)
- 7.2.2 US & Canada Non-phthalate based Plasticizer Revenue by Application (2018-2029)
- 7.3 US & Canada Non-phthalate based Plasticizer Sales by Country
- 7.3.1 US & Canada Non-phthalate based Plasticizer Revenue by Country: 2018 VS 2022 VS 2029
  - 7.3.2 US & Canada Non-phthalate based Plasticizer Sales by Country (2018-2029)
  - 7.3.3 US & Canada Non-phthalate based Plasticizer Revenue by Country (2018-2029)
  - 7.3.4 United States
  - 7.3.5 Canada

#### **8 EUROPE**

- 8.1 Europe Non-phthalate based Plasticizer Market Size by Type
  - 8.1.1 Europe Non-phthalate based Plasticizer Sales by Type (2018-2029)
  - 8.1.2 Europe Non-phthalate based Plasticizer Revenue by Type (2018-2029)
- 8.2 Europe Non-phthalate based Plasticizer Market Size by Application
- 8.2.1 Europe Non-phthalate based Plasticizer Sales by Application (2018-2029)



- 8.2.2 Europe Non-phthalate based Plasticizer Revenue by Application (2018-2029)
- 8.3 Europe Non-phthalate based Plasticizer Sales by Country
- 8.3.1 Europe Non-phthalate based Plasticizer Revenue by Country: 2018 VS 2022 VS 2029
  - 8.3.2 Europe Non-phthalate based Plasticizer Sales by Country (2018-2029)
  - 8.3.3 Europe Non-phthalate based Plasticizer Revenue by Country (2018-2029)
  - 8.3.4 Germany
  - 8.3.5 France
  - 8.3.6 U.K.
  - 8.3.7 Italy
  - 8.3.8 Russia

#### 9 CHINA

- 9.1 China Non-phthalate based Plasticizer Market Size by Type
  - 9.1.1 China Non-phthalate based Plasticizer Sales by Type (2018-2029)
- 9.1.2 China Non-phthalate based Plasticizer Revenue by Type (2018-2029)
- 9.2 China Non-phthalate based Plasticizer Market Size by Application
  - 9.2.1 China Non-phthalate based Plasticizer Sales by Application (2018-2029)
  - 9.2.2 China Non-phthalate based Plasticizer Revenue by Application (2018-2029)

## 10 ASIA (EXCLUDING CHINA)

- 10.1 Asia Non-phthalate based Plasticizer Market Size by Type
- 10.1.1 Asia Non-phthalate based Plasticizer Sales by Type (2018-2029)
- 10.1.2 Asia Non-phthalate based Plasticizer Revenue by Type (2018-2029)
- 10.2 Asia Non-phthalate based Plasticizer Market Size by Application
  - 10.2.1 Asia Non-phthalate based Plasticizer Sales by Application (2018-2029)
  - 10.2.2 Asia Non-phthalate based Plasticizer Revenue by Application (2018-2029)
- 10.3 Asia Non-phthalate based Plasticizer Sales by Region
- 10.3.1 Asia Non-phthalate based Plasticizer Revenue by Region: 2018 VS 2022 VS 2029
  - 10.3.2 Asia Non-phthalate based Plasticizer Revenue by Region (2018-2029)
  - 10.3.3 Asia Non-phthalate based Plasticizer Sales by Region (2018-2029)
  - 10.3.4 Japan
  - 10.3.5 South Korea
  - 10.3.6 China Taiwan
  - 10.3.7 Southeast Asia
  - 10.3.8 India



#### 11 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 11.1 Middle East, Africa and Latin America Non-phthalate based Plasticizer Market Size by Type
- 11.1.1 Middle East, Africa and Latin America Non-phthalate based Plasticizer Sales by Type (2018-2029)
- 11.1.2 Middle East, Africa and Latin America Non-phthalate based Plasticizer Revenue by Type (2018-2029)
- 11.2 Middle East, Africa and Latin America Non-phthalate based Plasticizer Market Size by Application
- 11.2.1 Middle East, Africa and Latin America Non-phthalate based Plasticizer Sales by Application (2018-2029)
- 11.2.2 Middle East, Africa and Latin America Non-phthalate based Plasticizer Revenue by Application (2018-2029)
- 11.3 Middle East, Africa and Latin America Non-phthalate based Plasticizer Sales by Country
- 11.3.1 Middle East, Africa and Latin America Non-phthalate based Plasticizer Revenue by Country: 2018 VS 2022 VS 2029
- 11.3.2 Middle East, Africa and Latin America Non-phthalate based Plasticizer Revenue by Country (2018-2029)
- 11.3.3 Middle East, Africa and Latin America Non-phthalate based Plasticizer Sales by Country (2018-2029)
  - 11.3.4 Brazil
  - 11.3.5 Mexico
  - 11.3.6 Turkey
  - 11.3.7 Israel
  - 11.3.8 GCC Countries

#### 12 CORPORATE PROFILES

- 12.1 BASF
  - 12.1.1 BASF Company Information
  - 12.1.2 BASF Overview
- 12.1.3 BASF Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.1.4 BASF Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.1.5 BASF Recent Developments



- 12.2 Eastman Chemical
  - 12.2.1 Eastman Chemical Company Information
  - 12.2.2 Eastman Chemical Overview
  - 12.2.3 Eastman Chemical Non-phthalate based Plasticizer Capacity, Sales, Price,

Revenue and Gross Margin (2018-2023)

- 12.2.4 Eastman Chemical Non-phthalate based Plasticizer Product Model Numbers,
- Pictures, Descriptions and Specifications
  - 12.2.5 Eastman Chemical Recent Developments
- 12.3 ExxonMobil
  - 12.3.1 ExxonMobil Company Information
- 12.3.2 ExxonMobil Overview
- 12.3.3 ExxonMobil Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.3.4 ExxonMobil Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.3.5 ExxonMobil Recent Developments
- 12.4 Evonik
  - 12.4.1 Evonik Company Information
  - 12.4.2 Evonik Overview
- 12.4.3 Evonik Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.4.4 Evonik Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.4.5 Evonik Recent Developments
- 12.5 DIC
  - 12.5.1 DIC Company Information
  - 12.5.2 DIC Overview
- 12.5.3 DIC Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.5.4 DIC Non-phthalate based Plasticizer Product Model Numbers, Pictures,

#### **Descriptions and Specifications**

- 12.5.5 DIC Recent Developments
- 12.6 Perstorp
  - 12.6.1 Perstorp Company Information
  - 12.6.2 Perstorp Overview
- 12.6.3 Perstorp Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.6.4 Perstorp Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications



- 12.6.5 Perstorp Recent Developments
- 12.7 Lanxess
- 12.7.1 Lanxess Company Information
- 12.7.2 Lanxess Overview
- 12.7.3 Lanxess Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.7.4 Lanxess Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications
- 12.7.5 Lanxess Recent Developments
- 12.8 KLJ Group
  - 12.8.1 KLJ Group Company Information
  - 12.8.2 KLJ Group Overview
- 12.8.3 KLJ Group Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.8.4 KLJ Group Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.8.5 KLJ Group Recent Developments
- 12.9 Polynt
  - 12.9.1 Polynt Company Information
  - 12.9.2 Polynt Overview
- 12.9.3 Polynt Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.9.4 Polynt Non-phthalate based Plasticizer Product Model Numbers, Pictures,
- **Descriptions and Specifications**
- 12.9.5 Polynt Recent Developments
- 12.10 Mitsubishi Chemical
  - 12.10.1 Mitsubishi Chemical Company Information
  - 12.10.2 Mitsubishi Chemical Overview
- 12.10.3 Mitsubishi Chemical Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.10.4 Mitsubishi Chemical Non-phthalate based Plasticizer Product Model Numbers,
- Pictures, Descriptions and Specifications
  - 12.10.5 Mitsubishi Chemical Recent Developments
- 12.11 OXEA
  - 12.11.1 OXEA Company Information
  - 12.11.2 OXEA Overview
- 12.11.3 OXEA Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.11.4 OXEA Non-phthalate based Plasticizer Product Model Numbers, Pictures,



## **Descriptions and Specifications**

12.11.5 OXEA Recent Developments

12.12 Hallstar Company

12.12.1 Hallstar Company Company Information

12.12.2 Hallstar Company Overview

12.12.3 Hallstar Company Non-phthalate based Plasticizer Capacity, Sales, Price,

Revenue and Gross Margin (2018-2023)

12.12.4 Hallstar Company Non-phthalate based Plasticizer Product Model Numbers,

Pictures, Descriptions and Specifications

12.12.5 Hallstar Company Recent Developments

12.13 KAO

12.13.1 KAO Company Information

12.13.2 KAO Overview

12.13.3 KAO Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.13.4 KAO Non-phthalate based Plasticizer Product Model Numbers, Pictures,

**Descriptions and Specifications** 

12.13.5 KAO Recent Developments

12.14 Velsicol Chemical

12.14.1 Velsicol Chemical Company Information

12.14.2 Velsicol Chemical Overview

12.14.3 Velsicol Chemical Non-phthalate based Plasticizer Capacity, Sales, Price,

Revenue and Gross Margin (2018-2023)

12.14.4 Velsicol Chemical Non-phthalate based Plasticizer Product Model Numbers,

Pictures, Descriptions and Specifications

12.14.5 Velsicol Chemical Recent Developments

12.15 Valtris

12.15.1 Valtris Company Information

12.15.2 Valtris Overview

12.15.3 Valtris Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.15.4 Valtris Non-phthalate based Plasticizer Product Model Numbers, Pictures,

**Descriptions and Specifications** 

12.15.5 Valtris Recent Developments

12.16 UPC Group

12.16.1 UPC Group Company Information

12.16.2 UPC Group Overview

12.16.3 UPC Group Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)



12.16.4 UPC Group Non-phthalate based Plasticizer Product Model Numbers,

Pictures, Descriptions and Specifications

12.16.5 UPC Group Recent Developments

12.17 Nan Ya Plastics

12.17.1 Nan Ya Plastics Company Information

12.17.2 Nan Ya Plastics Overview

12.17.3 Nan Ya Plastics Non-phthalate based Plasticizer Capacity, Sales, Price,

Revenue and Gross Margin (2018-2023)

12.17.4 Nan Ya Plastics Non-phthalate based Plasticizer Product Model Numbers,

Pictures, Descriptions and Specifications

12.17.5 Nan Ya Plastics Recent Developments

12.18 LG Chem

12.18.1 LG Chem Company Information

12.18.2 LG Chem Overview

12.18.3 LG Chem Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.18.4 LG Chem Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications

12.18.5 LG Chem Recent Developments

12.19 Bluesail

12.19.1 Bluesail Company Information

12.19.2 Bluesail Overview

12.19.3 Bluesail Non-phthalate based Plasticizer Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)

12.19.4 Bluesail Non-phthalate based Plasticizer Product Model Numbers, Pictures, Descriptions and Specifications

12.19.5 Bluesail Recent Developments

#### 13 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS

- 13.1 Non-phthalate based Plasticizer Industry Chain Analysis
- 13.2 Non-phthalate based Plasticizer Key Raw Materials
  - 13.2.1 Key Raw Materials
- 13.2.2 Raw Materials Key Suppliers
- 13.3 Non-phthalate based Plasticizer Production Mode & Process
- 13.4 Non-phthalate based Plasticizer Sales and Marketing
- 13.4.1 Non-phthalate based Plasticizer Sales Channels
- 13.4.2 Non-phthalate based Plasticizer Distributors
- 13.5 Non-phthalate based Plasticizer Customers



#### 14 NON-PHTHALATE BASED PLASTICIZER MARKET DYNAMICS

- 14.1 Non-phthalate based Plasticizer Industry Trends
- 14.2 Non-phthalate based Plasticizer Market Drivers
- 14.3 Non-phthalate based Plasticizer Market Challenges
- 14.4 Non-phthalate based Plasticizer Market Restraints

# 15 KEY FINDING IN THE GLOBAL NON-PHTHALATE BASED PLASTICIZER STUDY

#### **16 APPENDIX**

- 16.1 Research Methodology
  - 16.1.1 Methodology/Research Approach
  - 16.1.2 Data Source
- 16.2 Author Details
- 16.3 Disclaimer



## **List Of Tables**

#### LIST OF TABLES

Table 1. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Value by Purity, (US\$ Million) & (2022 VS 2029)

Table 2. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Capacity (Tons) by Manufacturers in 2022

Table 4. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production by Manufacturers (2018-2023) & (Tons)

Table 5. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share by Manufacturers (2018-2023)

Table 6. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Share by Manufacturers (2018-2023)

Table 8. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Ultrahigh Purity Metal Sputtering Targets for Semiconductors as of 2022)

Table 10. Global Market Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Manufacturers (US\$/Ton) & (2018-2023)

Table 11. Manufacturers Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Sites and Area Served

Table 12. Manufacturers Ultra-high Purity Metal Sputtering Targets for Semiconductors Product Types

Table 13. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Market Share by Region (2018-2023)

Table 18. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) Forecast by Region (2024-2029)



- Table 19. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Market Share Forecast by Region (2024-2029)
- Table 20. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Comparison by Region: 2018 VS 2022 VS 2029 (Tons)
- Table 21. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) by Region (2018-2023)
- Table 22. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share by Region (2018-2023)
- Table 23. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) Forecast by Region (2024-2029)
- Table 24. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share Forecast by Region (2024-2029)
- Table 25. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Average Price (US\$/Ton) by Region (2018-2023)
- Table 26. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Average Price (US\$/Ton) by Region (2024-2029)
- Table 27. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Tons)
- Table 28. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Region (2018-2023) & (Tons)
- Table 29. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Market Share by Region (2018-2023)
- Table 30. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Forecasted Consumption by Region (2024-2029) & (Tons)
- Table 31. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Forecasted Consumption Market Share by Region (2018-2023)
- Table 32. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)
- Table 33. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2018-2023) & (Tons)
- Table 34. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2024-2029) & (Tons)
- Table 35. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)
- Table 36. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2018-2023) & (Tons)
- Table 37. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2024-2029) & (Tons)
- Table 38. Asia Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors



Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Tons)

Table 39. Asia Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Region (2018-2023) & (Tons)

Table 40. Asia Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Region (2024-2029) & (Tons)

Table 41. Latin America, Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)

Table 42. Latin America, Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2018-2023) & (Tons)

Table 43. Latin America, Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption by Country (2024-2029) & (Tons)

Table 44. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) by Purity (2018-2023)

Table 45. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) by Purity (2024-2029)

Table 46. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share by Purity (2018-2023)

Table 47. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share by Purity (2024-2029)

Table 48. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) by Purity (2018-2023)

Table 49. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) by Purity (2024-2029)

Table 50. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Share by Purity (2018-2023)

Table 51. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Share by Purity (2024-2029)

Table 52. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Purity (2018-2023)

Table 53. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Purity (2024-2029)

Table 54. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) by Application (2018-2023)

Table 55. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) by Application (2024-2029)

Table 56. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Market Share by Application (2018-2023)

Table 57. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors



Production Market Share by Application (2024-2029)

Table 58. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) by Application (2018-2023)

Table 59. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Share by Application (2018-2023)

Table 61. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value Share by Application (2024-2029)

Table 62. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Application (2018-2023)

Table 63. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Application (2024-2029)

Table 64. JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 65. JX Nippon Mining & Metals Corporation Specification and Application

Table 66. JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 67. JX Nippon Mining & Metals Corporation Main Business and Markets Served

Table 68. JX Nippon Mining & Metals Corporation Recent Developments/Updates

Table 69. Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 70. Materion Specification and Application

Table 71. Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 72. Materion Main Business and Markets Served

Table 73. Materion Recent Developments/Updates

Table 74. TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 75. TANAKA Specification and Application

Table 76. TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 77. TANAKA Main Business and Markets Served

Table 78. TANAKA Recent Developments/Updates

Table 79. Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 80. Hitachi Metals Specification and Application

Table 81. Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors



Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. Hitachi Metals Main Business and Markets Served

Table 83. Hitachi Metals Recent Developments/Updates

Table 84. Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 85. Plansee SE Specification and Application

Table 86. Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Plansee SE Main Business and Markets Served

Table 88. Plansee SE Recent Developments/Updates

Table 89. Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 90. Luoyang Sifon Electronic Materials Specification and Application

Table 91. Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. Luoyang Sifon Electronic Materials Main Business and Markets Served

Table 93. Luoyang Sifon Electronic Materials Recent Developments/Updates

Table 94. Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 95. Sumitomo Chemical Specification and Application

Table 96. Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Sumitomo Chemical Main Business and Markets Served

Table 98. Sumitomo Chemical Recent Developments/Updates

Table 99. Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 100. Konfoong Materials International Specification and Application

Table 101. Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Konfoong Materials International Main Business and Markets Served

Table 103. Konfoong Materials International Recent Developments/Updates

Table 104. Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 105. Linde Specification and Application

Table 106. Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)



- Table 107. Linde Main Business and Markets Served
- Table 108. Linde Recent Developments/Updates
- Table 109. TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors

Corporation Information

- Table 110. TOSOH Specification and Application
- Table 111. TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors
- Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 112. TOSOH Main Business and Markets Served
- Table 113. TOSOH Recent Developments/Updates
- Table 114. Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information
- Table 115. Honeywell Specification and Application
- Table 116. Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors
- Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 117. Honeywell Main Business and Markets Served
- Table 118. Honeywell Recent Developments/Updates
- Table 119. ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information
- Table 120. ULVAC Specification and Application
- Table 121. ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors
- Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 122. ULVAC Main Business and Markets Served
- Table 123. ULVAC Recent Developments/Updates
- Table 124. Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information
- Table 125. Advantec Specification and Application
- Table 126. Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors
- Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 127. Advantec Main Business and Markets Served
- Table 128. Advantec Recent Developments/Updates
- Table 129. Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information
- Table 130. Fujian Acetron New Materials Specification and Application
- Table 131. Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 132. Fujian Acetron New Materials Main Business and Markets Served
- Table 133. Fujian Acetron New Materials Recent Developments/Updates
- Table 134. Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for



Semiconductors Corporation Information

Table 135. Changzhou Sujing Electronic Material Specification and Application

Table 136. Changzhou Sujing Electronic Material Ultra-high Purity Metal Sputtering

Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 137. Changzhou Sujing Electronic Material Main Business and Markets Served

Table 138. Changzhou Sujing Electronic Material Recent Developments/Updates

Table 139. GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 140. GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 141. GRIKIN Advanced Material Main Business and Markets Served

Table 142. GRIKIN Advanced Material Recent Developments/Updates

Table 143. Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 144. Umicore Specification and Application

Table 145. Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 146. Umicore Main Business and Markets Served

Table 147. Umicore Recent Developments/Updates

Table 148. Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 149. Angstrom Sciences Specification and Application

Table 150. Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 151. Angstrom Sciences Main Business and Markets Served

Table 152. Angstrom Sciences Recent Developments/Updates

Table 153. HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Corporation Information

Table 154. HC Starck Solutions Specification and Application

Table 155. HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 156. HC Starck Solutions Main Business and Markets Served

Table 157. HC Starck Solutions Recent Developments/Updates

Table 158. Key Raw Materials Lists

Table 159. Raw Materials Key Suppliers Lists



Table 160. Ultra-high Purity Metal Sputtering Targets for Semiconductors Distributors List

Table 161. Ultra-high Purity Metal Sputtering Targets for Semiconductors Customers List

Table 162. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Trends

Table 163. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Drivers

Table 164. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Challenges

Table 165. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Restraints

Table 166. Research Programs/Design for This Report

Table 167. Key Data Information from Secondary Sources

Table 168. Key Data Information from Primary Sources



## **List Of Figures**

#### LIST OF FIGURES

Figure 1. Product Picture of Ultra-high Purity Metal Sputtering Targets for Semiconductors

Figure 2. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Value by Purity, (US\$ Million) & (2022 VS 2029)

Figure 3. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Share by Purity: 2022 VS 2029

Figure 4. 5N Product Picture

Figure 5. 5N5 Product Picture

Figure 6. 6N Product Picture

Figure 7. Others Product Picture

Figure 8. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Value by Application, (US\$ Million) & (2022 VS 2029)

Figure 9. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Share by Application: 2022 VS 2029

Figure 10. Wafer Fabrication

Figure 11. Assembly and Testing

Figure 12. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 13. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Value (US\$ Million) & (2018-2029)

Figure 14. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Capacity (Tons) & (2018-2029)

Figure 15. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Production (Tons) & (2018-2029)

Figure 16. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price (US\$/Ton) & (2018-2029)

Figure 17. Ultra-high Purity Metal Sputtering Targets for Semiconductors Report Years Considered

Figure 18. Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Share by Manufacturers in 2022

Figure 19. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 20. The Global 5 and 10 Largest Players: Market Share by Ultra-high Purity Metal Sputtering Targets for Semiconductors Revenue in 2022

Figure 21. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors



Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 22. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 23. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Comparison by Region: 2018 VS 2022 VS 2029 (Tons)

Figure 24. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan Ultra-high Purity Metal Sputtering Targets for Semiconductors

Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption by Region: 2018 VS 2022 VS 2029 (Tons)

Figure 30. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 31. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 32. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Market Share by Country (2018-2029)

Figure 33. Canada Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 34. U.S. Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 35. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 36. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Market Share by Country (2018-2029)

Figure 37. Germany Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 38. France Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 39. U.K. Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)

Figure 40. Italy Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption and Growth Rate (2018-2023) & (Tons)



Figure 41. Russia Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 42. Asia Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 43. Asia Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Market Share by Regions (2018-2029)

Figure 44. China Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 45. Japan Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 46. South Korea Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 47. China Taiwan Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 48. Southeast Asia Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 49. India Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 50. Latin America, Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 51. Latin America, Middle East & Africa Ultra-high Purity Metal Sputtering

Targets for Semiconductors Consumption Market Share by Country (2018-2029)

Figure 52. Mexico Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 53. Brazil Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 54. Turkey Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 55. GCC Countries Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption and Growth Rate (2018-2023) & (Tons)

Figure 56. Global Production Market Share of Ultra-high Purity Metal Sputtering Targets for Semiconductors by Purity (2018-2029)

Figure 57. Global Production Value Market Share of Ultra-high Purity Metal Sputtering Targets for Semiconductors by Purity (2018-2029)

Figure 58. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Purity (2018-2029)

Figure 59. Global Production Market Share of Ultra-high Purity Metal Sputtering Targets for Semiconductors by Application (2018-2029)

Figure 60. Global Production Value Market Share of Ultra-high Purity Metal Sputtering



Targets for Semiconductors by Application (2018-2029)

Figure 61. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Price (US\$/Ton) by Application (2018-2029)

Figure 62. Ultra-high Purity Metal Sputtering Targets for Semiconductors Value Chain

Figure 63. Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Process

Figure 64. Channels of Distribution (Direct Vs Distribution)

Figure 65. Distributors Profiles

Figure 66. Bottom-up and Top-down Approaches for This Report

Figure 67. Data Triangulation



#### I would like to order

Product name: Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Research

Report 2023

Product link: <a href="https://marketpublishers.com/r/G51F6977776FEN.html">https://marketpublishers.com/r/G51F6977776FEN.html</a>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

## **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G51F6977776FEN.html">https://marketpublishers.com/r/G51F6977776FEN.html</a>

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

Last name:		
Email:		
Company:		
Address:		
City:		
Zip code:		
Country:		
Tel:		
Fax:		
Your message:		
	**All fields are required	
	Custumer signature	

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

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



