

Europe Electroplating Market for Jewellery and Personal Goods Application Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Metal (Gold, Silver, Copper, Nickel, and Others), Type (Barrel Plating, Rack Plating, Continuous Plating, and Line Plating), and Application [Jewellery and Personal Goods (Buckles, Carabiners, Kitchenware, Eyeglass Frames, Tableware, and Others)]

https://marketpublishers.com/r/E8838A9E9032EN.html

Date: December 2023

Pages: 103

Price: US\$ 3,550.00 (Single User License)

ID: E8838A9E9032EN

### **Abstracts**

The Europe electroplating market for jewellery and personal goods application accounted for US\$ 3.45 billion in 2022 and is expected to reach US\$ 5.03 billion by 2030; the market is estimated to record a CAGR of 4.8% from 2022 to 2030.

Electroplating is the process of coating metal or metal objects with a very thin layer of another metal by applying a direct electric current. Electroplating is used to build thickness, protect the substrate, lend surface properties, and improve appearance. Electroplating is highly used in the jewellery and personal goods industries. In the personal goods industry, electroplating is used for buckles, carabiners, kitchenware, eyeglass frames, tableware, and others.

Based on metal, the Europe electroplating market for jewellery and personal goods application is segmented into gold, silver, copper, nickel, and others. The copper segment accounted for the largest market share in 2022. Copper plating increases the conductivity of a substrate, though copper is extremely conductive only. As a soft metal, copper is often malleable and thus has the inherent flexibility to maintain adhesion.



Copper is a metallic material with a red-orange color known for its malleability, high electrical conductivity, and resistance to corrosion. These properties make copper a common choice for coating components in numerous industries. Copper cyanide plating is commonly used as a strike in many plating operations. For copper cyanide plating, cuprous cyanide must be complexed with potassium or sodium to form soluble copper compounds in aqueous solutions. Copper pyrophosphate plating, which is used for plating on plastics and printed circuit boards, requires more monitoring and maintenance of the plating baths than copper cyanide plating does.

Based on country, the market is segmented into countries such as Germany, France, Italy, the UK, Russia, and the Rest of Europe. Germany accounted for the largest Europe electroplating market for jewellery and personal goods application share in 2022. Strong growth of the end-use industries, rapid industrialization, and technological developments drive the electroplating market in Europe. Electroplating is highly used in the jewellery and personal goods industries. In Europe, there is a high demand for ontrend and fashionable pieces of jewellery from young and fashion-conscious consumers. The growing number of working women, increasing disposable income of consumers, and rising inclination toward minimalist jewellery boost the demand for jewellery. Also, the rapid expansion of online sales platforms and the marketing and branding campaigns by different brands fuel the demand for different types of jewellery. Various European jewellery brands are investing in strong marketing campaigns and promotional activities such as celebrity endorsements and digital advertising to attract a wide and diverse consumer base. Electroplating is highly used in jewellery making to enhance the overall aesthetic of the jewellery and design.

ELIX Polymers SL, Dr Hesse GmbH & Cie KG, PRV Engineering Ltd, SAXONIA Galvanik GmbH, Karas Plating Ltd, Dr Ing Max Schlotter GmbH and Co KG, Atotech Deutschland GmbH & Co KG, Allenchrome Electroplating Ltd, Frost Electroplating Ltd, and UK Metal Finishing Ltd. are among the major players operating in the Europe electroplating market for jewellery and personal goods application. Market players are highly focused on developing high-quality and innovative products to fulfill customers' requirements. Players operating in the market focus on adopting various strategies such as investment in research and development activities and others. For instance, in July 2023, MKS Instruments announced the release of the Atotech CMA Closed-Loop System for alkaline zinc nickel plating. This technology is certified by T?V Rheinland, which enables virtually wastewater-free operations while minimizing waste generation and reducing carbon footprint. This technology features compact membrane anodes, custom chemical additives, a vacuum evaporator, and a freezing unit. This results in a significantly reduced environmental impact, a longer lifespan, and enhanced product



quality for the electroplating line. In November 2023, Alleima AB, a global manufacturer of high-value-added products in advanced stainless steel and special alloys, announced a plan to expand its operations in Switzerland to meet the growing demand for plated components.

The overall Europe electroplating market for jewellery and personal goods application size has been derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain more analytical insights into the topic. The participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers—along with external consultants such as valuation experts, research analysts, and key opinion leaders—specializing in the Europe electroplating market for jewellery and personal goods application.



## **Contents**

#### 1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### 2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

## 3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

# 4. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
  - 4.2.1 Bargaining Power of Suppliers
  - 4.2.2 Bargaining Power of Buyers
  - 4.2.3 Threat of New Entrants
  - 4.2.4 Intensity of Competitive Rivalry
  - 4.2.5 Threat of Substitutes
- 4.3 Ecosystem Analysis
  - 4.3.1 Raw Material Suppliers
  - 4.3.2 Electroplating Companies
  - 4.3.3 End Use
- 4.4 List of Vendors in the Value Chain

# 5. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION – KEY MARKET DYNAMICS

5.1 Europe Electroplating Market for Jewellery and Personal Goods Application – Key Market Dynamics



- 5.2 Market Drivers
  - 5.2.1 Increasing Demand from End-Use Industries
  - 5.2.2 On-Going Industrialization
- 5.3 Market Restraints
  - 5.3.1 Regulations by Various Authorities upon Electroplating
- 5.4 Market Opportunities
  - 5.4.1 Implementation of Innovative and Environment-friendly Techniques
- 5.5 Future Trends
  - 5.5.1 Use of Nanotechnology
- 5.6 Impact of Drivers and Restraints:

## 6. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION ANALYSIS

- 6.1 Europe Electroplating Market for Jewellery and Personal Goods Application Revenue (US\$ Million), 2022 2030
- 6.2 Europe Electroplating Market for Jewellery and Personal Goods Application Forecast and Analysis

# 7. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION ANALYSIS – BY METAL

- 7.1 Gold
  - 7.1.1 Overview
  - 7.1.2 Gold Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Silver
  - 7.2.1 Overview
  - 7.2.2 Silver Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Copper
  - 7.3.1 Overview
  - 7.3.2 Copper Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Nickel
  - 7.4.1 Overview
  - 7.4.2 Nickel Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.5 Others
  - 7.5.1 Overview
  - 7.5.2 Others Market, Revenue and Forecast to 2030 (US\$ Million)

#### 8. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL



#### **GOODS APPLICATION ANALYSIS -BY TYPE**

- 8.1 Barrel Plating
  - 8.1.1 Overview
  - 8.1.2 Barrel Plating Market, Revenue and Forecast to 2030 (US\$ Million)
- 8.2 Rack Plating
  - 8.2.1 Overview
  - 8.2.2 Rack Plating Market, Revenue and Forecast to 2030 (US\$ Million)
- 8.3 Continuous Plating
  - 8.3.1 Overview
  - 8.3.2 Continuous Plating Market, Revenue and Forecast to 2030 (US\$ Million)
- 8.4 Line Plating
  - 8.4.1 Overview
  - 8.4.2 Line Plating Market, Revenue and Forecast to 2030 (US\$ Million)

## 9. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION ANALYSIS – BY APPLICATION

- 9.1 Jewellery
  - 9.1.1 Overview
  - 9.1.2 Jewellery Market, Revenue and Forecast to 2030 (US\$ Million)
- 9.2 Personal Goods
  - 9.2.1 Overview
- 9.2.2 Personal Goods Market, Revenue and Forecast to 2030 (US\$ Million)
- 9.2.3 Buckles
- 9.2.3.1 Buckles: Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2028 (US\$ Million)
  - 9.2.4 Carabiners
- 9.2.4.1 Carabiners: Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2028 (US\$ Million)
  - 9.2.5 Kitchenware
- 9.2.5.1 Kitchenware: Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2028 (US\$ Million)
- 9.2.6 Eyeglass Frames
- 9.2.6.1 Eyeglass Frames: Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2028 (US\$ Million)
  - 9.2.7 Tableware
- 9.2.7.1 Tableware: Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2028 (US\$ Million)



#### 9.2.8 Others

9.2.8.1 Others: Europe Electroplating Market for Jewellery and Personal Goods Application – Revenue and Forecast to 2028 (US\$ Million)

## 10. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION – COUNTRY ANALYSIS

### 10.1 Europe

- 10.1.1 Europe Electroplating Market for Jewellery and Personal Goods Application Breakdown by Countries
- 10.1.2 Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast and Analysis by Country
  - 10.1.2.1 Germany Electroplating Market Revenue and Forecast to 2030 (US\$ Million)
    - 10.1.2.1.1 Germany Electroplating Market Breakdown by Metal
    - 10.1.2.1.2 Germany Electroplating Market Breakdown by Type
    - 10.1.2.1.3 Germany Electroplating Market Breakdown by Application
  - 10.1.2.2 France Electroplating Market Revenue and Forecast to 2030 (US\$ Million)
    - 10.1.2.2.1 France Electroplating Market Breakdown by Metal
    - 10.1.2.2.2 France Electroplating Market Breakdown by Type
    - 10.1.2.2.3 France Electroplating Market Breakdown by Application
  - 10.1.2.3 UK Electroplating Market Revenue and Forecast to 2030 (US\$ Million)
    - 10.1.2.3.1 UK Electroplating Market Breakdown by Metal
    - 10.1.2.3.2 UK Electroplating Market Breakdown by Type
    - 10.1.2.3.3 UK Electroplating Market Breakdown by Application
  - 10.1.2.4 Italy Electroplating Market Revenue and Forecast to 2030 (US\$ Million)
    - 10.1.2.4.1 Italy Electroplating Market Breakdown by Metal
    - 10.1.2.4.2 Italy Electroplating Market Breakdown by Type
    - 10.1.2.4.3 Italy Electroplating Market Breakdown by Application
  - 10.1.2.5 Russia Electroplating Market Revenue and Forecast to 2030 (US\$ Million)
    - 10.1.2.5.1 Russia Electroplating Market Breakdown by Metal
    - 10.1.2.5.2 Russia Electroplating Market Breakdown by Type
    - 10.1.2.5.3 Russia Electroplating Market Breakdown by Application
- 10.1.2.6 Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million)
- 10.1.2.6.1 Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Breakdown by Metal
- 10.1.2.6.2 Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Breakdown by Type
  - 10.1.2.6.3 Rest of Europe Electroplating Market for Jewellery and Personal Goods



### Application Breakdown by Application

# 11. EUROPE ELECTROPLATING MARKET FOR JEWELLERY AND PERSONAL GOODS APPLICATION – IMPACT OF COVID-19 PANDEMIC

### 11.1 Pre & Post COVID-19 Impact

#### 12. COMPETITIVE LANDSCAPE

- 12.1 Heat Map Analysis By Key Players
- 12.2 Company Positioning & Concentration

### 13. INDUSTRY LANDSCAPE

- 13.1 Overview
- 13.2 Market Initiative
- 13.3 Merger and Acquisition

#### 14. COMPANY PROFILES

- 14.1 ELIX Polymers SL
  - 14.1.1 Key Facts
  - 14.1.2 Business Description
  - 14.1.3 Products and Services
  - 14.1.4 Financial Overview
  - 14.1.5 SWOT Analysis
  - 14.1.6 Key Developments
- 14.2 Dr Hesse GmbH & Cie KG
  - 14.2.1 Key Facts
  - 14.2.2 Business Description
  - 14.2.3 Products and Services
  - 14.2.4 Financial Overview
  - 14.2.5 SWOT Analysis
  - 14.2.6 Key Developments
- 14.3 PRV Engineering Ltd
  - 14.3.1 Key Facts
- 14.3.2 Business Description
- 14.3.3 Products and Services
- 14.3.4 Financial Overview



- 14.3.5 SWOT Analysis
- 14.3.6 Key Developments
- 14.4 SAXONIA Galvanik GmbH
  - 14.4.1 Key Facts
  - 14.4.2 Business Description
  - 14.4.3 Products and Services
  - 14.4.4 Financial Overview
  - 14.4.5 SWOT Analysis
  - 14.4.6 Key Developments
- 14.5 Karas Plating Ltd
  - 14.5.1 Key Facts
  - 14.5.2 Business Description
- 14.5.3 Products and Services
- 14.5.4 Financial Overview
- 14.5.5 SWOT Analysis
- 14.5.6 Key Developments
- 14.6 Dr Ing Max Schlotter GmbH and Co KG
  - 14.6.1 Key Facts
  - 14.6.2 Business Description
  - 14.6.3 Products and Services
  - 14.6.4 Financial Overview
  - 14.6.5 SWOT Analysis
  - 14.6.6 Key Developments
- 14.7 Atotech Deutschland GmbH & Co KG
  - 14.7.1 Key Facts
  - 14.7.2 Business Description
  - 14.7.3 Products and Services
  - 14.7.4 Financial Overview
  - 14.7.5 SWOT Analysis
  - 14.7.6 Key Developments
- 14.8 Allenchrome Electroplating Ltd
  - 14.8.1 Key Facts
  - 14.8.2 Business Description
  - 14.8.3 Products and Services
  - 14.8.4 Financial Overview
  - 14.8.5 SWOT Analysis
  - 14.8.6 Key Developments
- 14.9 Frost Electroplating Ltd
  - 14.9.1 Key Facts



- 14.9.2 Business Description
- 14.9.3 Products and Services
- 14.9.4 Financial Overview
- 14.9.5 SWOT Analysis
- 14.9.6 Key Developments
- 14.10 UK Metal Finishing Ltd
  - 14.10.1 Key Facts
  - 14.10.2 Business Description
  - 14.10.3 Products and Services
  - 14.10.4 Financial Overview
  - 14.10.5 SWOT Analysis
  - 14.10.6 Key Developments

### 15. APPENDIX

15.1 About The Insight Partners



## **List Of Tables**

#### LIST OF TABLES

- Table 1. Europe Electroplating Market for Jewellery and Personal Goods Application Segmentation
- Table 2. List of Vendors
- Table 3. Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million)
- Table 4. Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) Metal
- Table 5. Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) Type
- Table 6. Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) Application
- Table 7. Germany Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 8. Germany Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 9. Germany Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Application
- Table 10. France Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 11. France Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 12. France Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Application
- Table 13. UK Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 14. UK Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 15. UK Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Application
- Table 16. Italy Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 17. Italy Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 18. Italy Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Application



- Table 19. Russia Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 20. Russia Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 21. Russia Electroplating Market Revenue and Forecast to 2030 (US\$ Million) by Application
- Table 22. Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) by Metal
- Table 23. Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) by Type
- Table 24. Rest of Europe Electroplating Market for Jewellery and Personal Goods Application Revenue and Forecast to 2030 (US\$ Million) by Application



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