

# Nichrome Alloy Market in Malaysia - Manufacturing and Consumption, Outlook and Forecast 2020-2026

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# **Abstracts**

Nichrome alloy is also known as nickel-chrome, nickel-chromium alloy, chromium-nickel alloy, nickel chromium lump, nickel chromium powder, etc. Nichrome alloy can be defined as an alloy consisting of various alloys of nickel, chromium, and iron. Nichrome is one of the oldest forms of resistance heating alloy. Nichrome alloy generally consists of 80% nickel and 20% chromium by mass. Additionally, as per application, there are various other combinations of metals. Nichrome is silvery grey in color and has high melting point of about 1,400° celcius. Nichrome alloy has low manufacturing cost, besides strength, ductility, resistance to oxidation, and stability at high temperature. It also has good resistance power to flow the electrons. These unique properties of nichrome alloy make them suitable for applications such as hair dryers and heat guns. Nichrome alloy has high resistance power to oxidation. This property makes nichrome a suitable material for use of heating elements. Heating elements in household appliances are made of thick nichrome wire. During this process, nichrome is wound in coils to a certain electrical resistance before current is passed through to produce heat. When nichrome is heated in high temperature, it develops an outer layer of chromium oxide, unlike other metals which begin to oxidize when heated in air.

This report contains market size and forecasts of Nichrome Alloy in Malaysia, including the following market information:

Malaysia Nichrome Alloy Market Revenue, 2015-2020, 2021-2026, (\$ millions)

Malaysia Nichrome Alloy Market Consumption, 2015-2020, 2021-2026, (MT)

Malaysia Nichrome Alloy Production Capacity, 2015-2020, 2021-2026, (MT)

Top Five Competitors in Malaysia Nichrome Alloy Market 2019 (%)

The global Nichrome Alloy market was valued at xx million in 2019 and is projected to reach US\$ xx million by 2026, at a CAGR of xx% during the forecast period. While the Nichrome Alloy market size in Malaysia was US\$ XX million in 2019, and it is expected



to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Nichrome Alloy manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas. This report also analyses and evaluates the COVID-19 impact on Nichrome Alloy production and consumption in Malaysia

Total Market by Segment:

Malaysia Nichrome Alloy Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (MT) Malaysia Nichrome Alloy Market Segment Percentages, By Type, 2019 (%)

Round Wire Flat Wire Square Wire Bars **Shaped Profiles** Malaysia Nichrome Alloy Market, By Application, 2015-2020, 2021-2026 (\$ millions) & Malaysia Nichrome Alloy Market Segment Percentages, By Application, 2019 (%)

(MT)

Resistors

Home Appliances

Industrial

Competitor Analysis



The report also provides analysis of leading market participants including:

Total Nichrome Alloy Market Competitors Revenues in Malaysia, by Players 2015-2020 (Estimated), (\$ millions)

Total Nichrome Alloy Market Competitors Revenues Share in Malaysia, by Players 2019 (%)

Total Malaysia Nichrome Alloy Market Competitors Sales, by Players 2015-2020 (Estimated), (MT)

Total Malaysia Nichrome Alloy Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

Deutsche Nickel GmbH

Tokyo Wire Works

Sandvik

VZPS

Tokyo Resistance Wire

Jiangsu Huaxin Alloy

TOKUSAI



# **Contents**

### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Nichrome Alloy Market Definition
- 1.2 Market Segments
  - 1.2.1 Segment by Type
  - 1.2.2 Segment by Application
- 1.3 Malaysia Nichrome Alloy Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
- 1.5.3 Base Year
- 1.5.4 Report Assumptions & Caveats

### 2 COVID-19 IMPACT: MALAYSIA NICHROME ALLOY OVERALL MARKET SIZE

- 2.1 Malaysia Nichrome Alloy Market Size: 2020 VS 2026
- 2.2 Malaysia Nichrome Alloy Revenue, Prospects & Forecasts: 2015-2026
- 2.3 Malaysia Nichrome Alloy Sales (Consumption): 2015-2026

## **3 COMPANY LANDSCAPE**

- 3.1 Top Nichrome Alloy Players in Malaysia (including Foreign and Local Companies)
- 3.2 Top Malaysia Nichrome Alloy Companies Ranked by Revenue
- 3.3 Malaysia Nichrome Alloy Revenue by Companies (including Foreign and Local Companies)
- 3.4 Malaysia Nichrome Alloy Sales by Companies (including Foreign and Local Companies)
- 3.5 Malaysia Nichrome Alloy Price by Manufacturer (2015-2020)
- 3.6 Top 3 and Top 5 Nichrome Alloy Companies in Malaysia, by Revenue in 2019
- 3.7 Malaysia Manufacturers Nichrome Alloy Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Nichrome Alloy Players in Malaysia
  - 3.8.1 List of Malaysia Tier 1 Nichrome Alloy Companies
  - 3.8.2 List of Malaysia Tier 2 and Tier 3 Nichrome Alloy Companies

### **4 SIGHTS BY PRODUCT**



- 4.1 Overview
  - 4.1.1 By Type Malaysia Nichrome Alloy Market Size Markets, 2020 & 2026
  - 4.1.2 Round Wire
  - 4.1.3 Flat Wire
  - 4.1.4 Square Wire
  - 4.1.5 Bars
  - 4.1.6 Shaped Profiles
- 4.2 By Type Malaysia Nichrome Alloy Revenue & Forecasts
  - 4.2.1 By Type Malaysia Nichrome Alloy Revenue, 2015-2020
  - 4.2.2 By Type Malaysia Nichrome Alloy Revenue, 2021-2026
  - 4.2.3 By Type Malaysia Nichrome Alloy Revenue Market Share, 2015-2026
- 4.3 By Type Malaysia Nichrome Alloy Sales & Forecasts
- 4.3.1 By Type Malaysia Nichrome Alloy Sales, 2015-2020
- 4.3.2 By Type Malaysia Nichrome Alloy Sales, 2021-2026
- 4.3.3 By Type Malaysia Nichrome Alloy Sales Market Share, 2015-2026
- 4.4 By Type Malaysia Nichrome Alloy Price (Manufacturers Selling Prices), 2015-2026

### **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application Malaysia Nichrome Alloy Market Size, 2020 & 2026
  - 5.1.2 Resistors
  - 5.1.3 Home Appliances
  - 5.1.4 Industrial
- 5.2 By Application Malaysia Nichrome Alloy Revenue & Forecasts
  - 5.2.1 By Application Malaysia Nichrome Alloy Revenue, 2015-2020
  - 5.2.2 By Application Malaysia Nichrome Alloy Revenue, 2021-2026
  - 5.2.3 By Application Malaysia Nichrome Alloy Revenue Market Share, 2015-2026
- 5.3 By Application Malaysia Nichrome Alloy Sales & Forecasts
  - 5.3.1 By Application Malaysia Nichrome Alloy Sales, 2015-2020
  - 5.3.2 By Application Malaysia Nichrome Alloy Sales, 2021-2026
  - 5.3.3 By Application Malaysia Nichrome Alloy Sales Market Share, 2015-2026
- 5.4 By Application Malaysia Nichrome Alloy Price (Manufacturers Selling Prices), 2015-2026

#### 6 MANUFACTURERS & BRANDS PROFILES

- 6.1 Deutsche Nickel GmbH
  - 6.1.1 Deutsche Nickel GmbH Corporate Summary



- 6.1.2 Deutsche Nickel GmbH Business Overview
- 6.1.3 Deutsche Nickel GmbH Nichrome Alloy Major Product Offerings
- 6.1.4 Deutsche Nickel GmbH Sales and Revenue in Malaysia (2015-2020)
- 6.1.5 Deutsche Nickel GmbH Key News
- 6.2 Tokyo Wire Works
  - 6.2.1 Tokyo Wire Works Corporate Summary
  - 6.2.2 Tokyo Wire Works Business Overview
  - 6.2.3 Tokyo Wire Works Nichrome Alloy Major Product Offerings
  - 6.2.4 Tokyo Wire Works Sales and Revenue in Malaysia (2015-2020)
- 6.2.5 Tokyo Wire Works Key News
- 6.3 Sandvik
  - 6.3.1 Sandvik Corporate Summary
  - 6.3.2 Sandvik Business Overview
  - 6.3.3 Sandvik Nichrome Alloy Major Product Offerings
  - 6.3.4 Sandvik Sales and Revenue in Malaysia (2015-2020)
  - 6.3.5 Sandvik Key News
- **6.4 VZPS** 
  - 6.4.1 VZPS Corporate Summary
  - 6.4.2 VZPS Business Overview
  - 6.4.3 VZPS Nichrome Alloy Major Product Offerings
  - 6.4.4 VZPS Sales and Revenue in Malaysia (2015-2020)
  - 6.4.5 VZPS Key News
- 6.5 Tokyo Resistance Wire
- 6.5.1 Tokyo Resistance Wire Corporate Summary
- 6.5.2 Tokyo Resistance Wire Business Overview
- 6.5.3 Tokyo Resistance Wire Nichrome Alloy Major Product Offerings
- 6.5.4 Tokyo Resistance Wire Sales and Revenue in Malaysia (2015-2020)
- 6.5.5 Tokyo Resistance Wire Key News
- 6.6 Jiangsu Huaxin Alloy
  - 6.6.1 Jiangsu Huaxin Alloy Corporate Summary
  - 6.6.2 Jiangsu Huaxin Alloy Business Overview
  - 6.6.3 Jiangsu Huaxin Alloy Nichrome Alloy Major Product Offerings
  - 6.6.4 Jiangsu Huaxin Alloy Sales and Revenue in Malaysia (2015-2020)
  - 6.6.5 Jiangsu Huaxin Alloy Key News
- 6.7 TOKUSAI
  - 6.6.1 TOKUSAI Corporate Summary
  - 6.6.2 TOKUSAI Business Overview
  - 6.6.3 TOKUSAI Nichrome Alloy Major Product Offerings
  - 6.4.4 TOKUSAI Sales and Revenue in Malaysia (2015-2020)



- 6.7.5 TOKUSAI Key News
- 6.8 Alloy Wire International
  - 6.8.1 Alloy Wire International Corporate Summary
  - 6.8.2 Alloy Wire International Business Overview
  - 6.8.3 Alloy Wire International Nichrome Alloy Major Product Offerings
  - 6.8.4 Alloy Wire International Sales and Revenue in Malaysia (2015-2020)
  - 6.8.5 Alloy Wire International Key News

# 7 NICHROME ALLOY PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS

- 7.1 Nichrome Alloy Production Capacity and Value in Malaysia, Situation Analysis and Prediction, 2015-2026
  - 7.1.1 Malaysia Nichrome Alloy Production Capacity, 2015-2026
  - 7.1.2 Malaysia Nichrome Alloy Production 2015-2026
- 7.1.3 Malaysia Nichrome Alloy Production Value 2015-2026
- 7.2 Key Local Nichrome Alloy Manufacturers in Malaysia
  - 7.2.1 Malaysia Key Local Nichrome Alloy Manufacturers Production Capacity
  - 7.2.2 Malaysia Key Local Nichrome Alloy Manufacturers Production
  - 7.2.3 Malaysia Key Local Nichrome Alloy Manufacturers Production Value
- 7.2.4 The Proportion of Nichrome Alloy Production Sold in Malaysia and Sold Other Than Malaysia by Manufacturers
- 7.3 Nichrome Alloy Export and Import in Malaysia
  - 7.3.1 Malaysia Nichrome Alloy Export Market
  - 7.3.2 Malaysia Nichrome Alloy Source of Imports

# 8 COVID-19 IMPACT: KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 8.1 PESTLE Analysis for Malaysia Nichrome Alloy Market
- 8.2 Market Opportunities & Trends
- 8.3 Market Drivers
- 8.4 Market Restraints

### 9 COVID-19 IMPACT ON NICHROME ALLOY SUPPLY CHAIN ANALYSIS

- 9.1 Supply Chain Analysis
- 9.2 Upstream Market Analysis
- 9.3 Downstream and Clients Market Analysis
- 9.4 Marketing Channels Analysis



- 9.4.1 Marketing Channels
- 9.4.2 Nichrome Alloy Distributors and Sales Agents in Malaysia

# **10 CONCLUSION**

# 11 APPENDIX

- 11.1 Note
- 11.2 Examples of Clients
- 11.3 Disclaimer



# **List Of Tables**

### LIST OF TABLES

- Table 1. Key Players of Nichrome Alloy in Malaysia
- Table 2. Top Players in Malaysia, Ranking by Revenue (2019)
- Table 3. Malaysia Nichrome Alloy Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. Malaysia Nichrome Alloy Revenue Share by Companies, 2015-2020
- Table 5. Malaysia Nichrome Alloy Sales by Companies, (MT), 2015-2020
- Table 6. Malaysia Nichrome Alloy Sales Share by Companies, 2015-2020
- Table 7. Key Manufacturers Nichrome Alloy Price (2015-2020) (USD/MT)
- Table 8. Malaysia Manufacturers Nichrome Alloy Product Type
- Table 9. List of Malaysia Tier 1 Nichrome Alloy Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of Malaysia Tier 2 and Tier 3 Nichrome Alloy Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 11. By Type Nichrome Alloy Revenue in Malaysia (US\$, Mn), 2015-2020
- Table 12. By Type Nichrome Alloy Revenue in Malaysia (US\$, Mn), 2021-2026
- Table 13. By Type Nichrome Alloy Sales in Malaysia (MT), 2015-2020
- Table 14. By Type Nichrome Alloy Sales in Malaysia (MT), 2021-2026
- Table 15. By Application Nichrome Alloy Revenue in Malaysia, (US\$, Mn), 2015-2020
- Table 16. By Application Nichrome Alloy Revenue in Malaysia, (US\$, Mn), 2021-2026
- Table 17. By Application Nichrome Alloy Sales in Malaysia, (MT), 2015-2020
- Table 18. By Application Nichrome Alloy Sales in Malaysia, (MT), 2021-2026
- Table 19. Deutsche Nickel GmbH Corporate Summary
- Table 20. Deutsche Nickel GmbH Nichrome Alloy Product Offerings
- Table 21. Deutsche Nickel GmbH Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)
- Table 22. Tokyo Wire Works Corporate Summary
- Table 23. Tokyo Wire Works Nichrome Alloy Product Offerings
- Table 24. Tokyo Wire Works Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and
- Average Price (USD/MT) (2015-2020)
- Table 25. Sandvik Corporate Summary
- Table 26. Sandvik Nichrome Alloy Product Offerings
- Table 27. Sandvik Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)
- Table 28. VZPS Corporate Summary
- Table 29. VZPS Nichrome Alloy Product Offerings
- Table 30. VZPS Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price



(USD/MT) (2015-2020)

Table 31. Tokyo Resistance Wire Corporate Summary

Table 32. Tokyo Resistance Wire Nichrome Alloy Product Offerings

Table 33. Tokyo Resistance Wire Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)

Table 34. Jiangsu Huaxin Alloy Corporate Summary

Table 35. Jiangsu Huaxin Alloy Nichrome Alloy Product Offerings

Table 36. Jiangsu Huaxin Alloy Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)

Table 37. TOKUSAI Corporate Summary

Table 38. TOKUSAI Nichrome Alloy Product Offerings

Table 39. TOKUSAI Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)

Table 40. Alloy Wire International Corporate Summary

Table 41. Alloy Wire International Nichrome Alloy Product Offerings

Table 42. Alloy Wire International Nichrome Alloy Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2015-2020)

Table 43. Nichrome Alloy Production Capacity (MT) of Local Manufacturers in Malaysia, 2015-2020

Table 44. Nichrome Alloy Production (MT) of Local Manufacturers in Malaysia, 2015-2020

Table 45. Malaysia Nichrome Alloy Production Market Share of Local Manufacturers, 2015-2020

Table 46. Nichrome Alloy Production Value (US\$, Mn) of Local Manufacturers in Malaysia, 2015-2020

Table 47. Malaysia Nichrome Alloy Production Value Market Share of Local Manufacturers, 2015-2020

Table 48. The Percentage of Nichrome Alloy Production Sold in Malaysia and Sold Other Than Malaysia by Manufacturers

Table 49. The Percentage of Nichrome Alloy Production Sold in Malaysia and Sold Other Than Malaysia by Manufacturers

Table 50. Dangeguojia Nichrome Alloy Sales (Consumption), Production, Export and Import, 2015-2020

Table 51. Raw Materials and Suppliers

Table 52. Nichrome Alloy Downstream Clients in Malaysia

Table 53. Nichrome Alloy Distributors and Sales Agents in Malaysia



# **List Of Figures**

### LIST OF FIGURES

- Figure 1. Nichrome Alloy Segment by Type
- Figure 2. Nichrome Alloy Segment by Application
- Figure 3. Dangeguojia Nichrome Alloy Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Nichrome Alloy Market Size in Malaysia, (US\$, Mn) & (MT): 2020 VS 2026
- Figure 6. Malaysia Nichrome Alloy Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Nichrome Alloy Sales in Malaysia: 2015-2026 (MT)
- Figure 8. The Top 3 and 5 Players Market Share by Nichrome Alloy Revenue in 2019
- Figure 9. By Type Malaysia Nichrome Alloy Incremental Growth, (US\$, Mn), 2015-2026
- \_0.0 \_0\_0
- Figure 10. By Type Malaysia Nichrome Alloy Market Share, 2015-2020
- Figure 11. By Type Malaysia Nichrome Alloy Market Share, 2020-2026
- Figure 12. By Type Malaysia Nichrome Alloy Price (USD/MT), 2015-2026
- Figure 13. By Application Nichrome Alloy Revenue in Malaysia (US\$, Mn), 2020 & 2026
- Figure 14. By Application Malaysia Nichrome Alloy Market Share, 2015-2020
- Figure 15. By Application Malaysia Nichrome Alloy Market Share, 2020-2026
- Figure 16. By Application -Malaysia Nichrome Alloy Price (USD/MT), 2015-2026
- Figure 17. Malaysia Nichrome Alloy Production Capacity (MT), 2015-2026
- Figure 18. Malaysia Nichrome Alloy Actual Output (MT), 2015-2026
- Figure 19. Malaysia Nichrome Alloy Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of Malaysia Nichrome Alloy Export Destination, 2019
- Figure 21. The Source of Imports of Malaysia Nichrome Alloy, 2019
- Figure 22. PEST Analysis for Malaysia Nichrome Alloy Market in 2020
- Figure 23. Nichrome Alloy Market Opportunities & Trends in Malaysia
- Figure 24. Nichrome Alloy Market Drivers in Malaysia
- Figure 25. Nichrome Alloy Market Restraints in Malaysia
- Figure 26. Nichrome Alloy Industry Value Chain



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