+357 96 030922
info@marketpublishers.com

Global Nickel Paste for MLCC Inner Electrode Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GB6384AFAA50EN.html
Date: May 2026
Pages: 129
Price: US$ 4,480.00 (Single User License)
ID: GB6384AFAA50EN

Abstracts

The global Nickel Paste for MLCC Inner Electrode market size is expected to reach $ 4797 million by 2032, rising at a market growth of 7.2% CAGR during the forecast period (2026-2032).

MLCC (Multilayer Ceramic Capacitor) is an electronic component widely used in electronic devices. Its main function is to store charge and maintain voltage stability. Nickel inner electrode paste is one of the important raw materials for manufacturing MLCC, which directly affects the performance, reliability and production cost of the capacitor. MLCC with nickel as the inner electrode material has low cost and excellent performance. Traditional MLCC uses precious metals 'silver and palladium' as the inner electrode metal powder material (PME), which is very expensive. Compared with the inner electrode using 'silver and palladium' materials, the inner electrode using 'nickel' has low cost, which is only about 5% of the conventional Pd30-Ag70 electrode, and the economic benefits are considerable. In addition, the electromigration speed of nickel atoms or atomic groups is smaller than that of Ag or PdAg, so it has good electrochemical stability and can improve the reliability of MLCC. 'Nickel' electrodes also have the advantages of high mechanical strength, its flexural strength is greater than that of Pd-Ag electrodes, and it has good corrosion resistance and heat resistance to solder, and good process stability. The 'nickel' electrode has a small resistivity and better conductivity than the Pd-Ag electrode. It can reduce the equivalent series resistance of the MLCC and increase the impedance frequency.

In 2025, global sales of Nickel Paste for MLCC Inner Electrode reached 11,645 tons, with an average gross margin of 34%.

Nickel paste for MLCC inner electrodes is primarily used in MLCC (Multi-Layer Ceramic

+357 96 030922
info@marketpublishers.com

Capacitor) electronic components. Looking back at the development of the MLCC industry, the core driving force has been product iteration and demand upgrades in the end-market. From the booming home appliance market in the early 21st century to the rapid development of PCs, from the advent of smartphones to the current rapid development of the automotive electronics market, each round of product upgrades has driven the continuous expansion of MLCC demand, propelling it towards high-end and refined products.

From the perspective of the end-market, the development of the MLCC industry is mainly driven by the popularization and upgrading of intelligent consumer electronics products, the increased level of automotive electronics brought about by new energy vehicles and autonomous driving technology, the promotion of 5G communication, and the deepening of industrial automation. Currently, consumer electronics still dominate, accounting for approximately 40% in 2024. However, the trend towards new energy vehicles has greatly promoted the demand growth of high-end MLCC products such as medium-voltage and high-capacitance MLCCs. Therefore, the vigorous development of new energy vehicles is expected to become a new growth point for the industry.

This report studies the global Nickel Paste for MLCC Inner Electrode production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nickel Paste for MLCC Inner Electrode and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Nickel Paste for MLCC Inner Electrode that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nickel Paste for MLCC Inner Electrode total production and demand, 2021-2032, (Tons)

Global Nickel Paste for MLCC Inner Electrode total production value, 2021-2032, (USD Million)

Global Nickel Paste for MLCC Inner Electrode production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Nickel Paste for MLCC Inner Electrode consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Nickel Paste for MLCC Inner Electrode domestic production, consumption, key domestic manufacturers and share

+357 96 030922
info@marketpublishers.com

Global Nickel Paste for MLCC Inner Electrode production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)
Global Nickel Paste for MLCC Inner Electrode production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)
Global Nickel Paste for MLCC Inner Electrode production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Nickel Paste for MLCC Inner Electrode 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 Samsung, Shoei Chemical, Murata Manufacturing, Yageo, Sumitomo, TDK, Daiken Chemical, Sinocera Materials, Overseas Huasheng, Noritake, 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 Nickel Paste for MLCC Inner Electrode market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Tons) and average price (US$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Nickel Paste for MLCC Inner Electrode Market, By Region:

United States

China

Europe

Japan

South Korea

+357 96 030922
info@marketpublishers.com

ASEAN

India

Rest of World

Global Nickel Paste for MLCC Inner Electrode Market, Segmentation by Type:

?200nm

300nm

400nm

Others

Global Nickel Paste for MLCC Inner Electrode Market, Segmentation by Application:

Consumer Electronics

Automotive Electronics

Industrial Equipment

Communication Infrastructure

Other

Companies Profiled:

Samsung

Shoei Chemical

Murata Manufacturing

+357 96 030922
info@marketpublishers.com

Yageo

Sumitomo

TDK

Daiken Chemical

Sinocera Materials

Overseas Huasheng

Noritake

Chaozhou Three-Circle(CCTC)

Fenghua Advanced

Changdi New Material Technology

FM Co., Ltd.

Key Questions Answered:

1. How big is the global Nickel Paste for MLCC Inner Electrode market?
2. What is the demand of the global Nickel Paste for MLCC Inner Electrode market?
3. What is the year over year growth of the global Nickel Paste for MLCC Inner Electrode market?
4. What is the production and production value of the global Nickel Paste for MLCC Inner Electrode market?
5. Who are the key producers in the global Nickel Paste for MLCC Inner Electrode market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

4 UNITED STATES VS CHINA VS REST OF THE WORLD

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

+357 96 030922
info@marketpublishers.com

6 MARKET ANALYSIS BY APPLICATION

7 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

8 INDUSTRY CHAIN ANALYSIS

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Nickel Paste for MLCC Inner Electrode Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GB6384AFAA50EN.html

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GB6384AFAA50EN.html