

Global Porous Nickel Metal Foam Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Porous Nickel Metal Foam market size is expected to reach \$ 344 million by 2032, rising at a market growth of 4.0% CAGR during the forecast period (2026-2032).

Global sales of Porous Nickel Metal Foam was about 18.56 million Sqm in 2025 with average price of 14.1 USD/Sqm. The average gross margin of the industry is between 20%-25%. Demand from battery industry, especially NiMH and NiCd batteries, accounts for largest share in downstream industries.

Porous Nickel Metal Foam is a three-dimensional, open-cell porous nickel structure produced by foaming or templating methods (commonly polymer-template electroplating), featuring high porosity, high specific surface area, and good electrical/thermal conductivity. It is widely used as a current collector and porous electrode substrate in electrochemical systems, and also as a lightweight conductive/heat-transfer medium.

This report studies the global Porous Nickel Metal Foam production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Porous Nickel Metal Foam 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 Porous Nickel Metal Foam that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Porous Nickel Metal Foam total production and demand, 2021-2032, (K Sqm)

Global Porous Nickel Metal Foam total production value, 2021-2032, (USD Million)

Global Porous Nickel Metal Foam production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm), (based on production site)

Global Porous Nickel Metal Foam consumption by region & country, CAGR, 2021-2032 & (K Sqm)

U.S. VS China: Porous Nickel Metal Foam domestic production, consumption, key domestic manufacturers and share

Global Porous Nickel Metal Foam production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Sqm)

Global Porous Nickel Metal Foam production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

Global Porous Nickel Metal Foam production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

This report profiles key players in the global Porous Nickel Metal Foam 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 Sumitomo Electric, Novamet, Evonik, Hunan Corun, Alantum, Wuzhou Sanhe New Material, 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 Porous Nickel Metal Foam market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sq m)

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 Porous Nickel Metal Foam Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Porous Nickel Metal Foam Market, Segmentation by Type:

Continuous Nickel Foam

Others

Global Porous Nickel Metal Foam Market, Segmentation by Manufacturing Route:

Polymer Template Electroplated

Other

Global Porous Nickel Metal Foam Market, Segmentation by Application:

NiMH and NiCd Batteries

Fuel Cell

Catalyst

Filter

Sound Absorbing Material

Others

Companies Profiled:

Sumitomo Electric

Novamet

Evonik

Hunan Corun

Alantum

Wuzhou Sanhe New Material

Key Questions Answered:

1. How big is the global Porous Nickel Metal Foam market?
2. What is the demand of the global Porous Nickel Metal Foam market?
3. What is the year over year growth of the global Porous Nickel Metal Foam market?
4. What is the production and production value of the global Porous Nickel Metal Foam market?
5. Who are the key producers in the global Porous Nickel Metal Foam market?
6. What are the growth factors driving the market demand?

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