

Global Porous Nickel Metal Foam Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Porous Nickel Metal Foam market size was valued at US\$ 269 million in 2025 and is forecast to a readjusted size of US\$ 344 million by 2032 with a CAGR of 4.0% during review period.

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 is a detailed and comprehensive analysis for global Porous Nickel Metal Foam market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Porous Nickel Metal Foam market size and forecasts, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Porous Nickel Metal Foam market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Porous Nickel Metal Foam market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Porous Nickel Metal Foam market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), and ASP (US\$/Sq m), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Porous Nickel Metal Foam

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Porous Nickel Metal Foam market based on the following parameters - company overview, sales quantity, revenue, 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.

Market Segmentation

Porous Nickel Metal Foam market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Continuous Nickel Foam

Others

Market segment by Manufacturing Route

Polymer Template Electroplated

Other

Market segment by Application

NiMH and NiCd Batteries

Fuel Cell

Catalyst

Filter

Sound Absorbing Material

Others

Major players covered

Sumitomo Electric

Novamet

Evonik

Hunan Corun

Alantum

Wuzhou Sanhe New Material

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Porous Nickel Metal Foam product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Porous Nickel Metal Foam, with price, sales quantity, revenue, and global market share of Porous Nickel Metal Foam from 2021 to 2026.

Chapter 3, the Porous Nickel Metal Foam competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Porous Nickel Metal Foam breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Porous Nickel Metal Foam market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Porous Nickel Metal Foam.

Chapter 14 and 15, to describe Porous Nickel Metal Foam sales channel, distributors, customers, research findings and conclusion.

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