

Global Carbonyl Iron and Carbonyl Nickel Market Growth 2026-2032

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Abstracts

The global Carbonyl Iron and Carbonyl Nickel market size is predicted to grow from US\$ 1882 million in 2025 to US\$ 2628 million in 2032; it is expected to grow at a CAGR of 5.0% from 2026 to 2032.

Carbonyl iron is a highly pure iron, prepared by chemical decomposition of purified iron pentacarbonyl. It usually has the appearance of grey powder, composed of spherical micro-particles. Most of the impurities are carbon, oxygen, and nitrogen.

Carbonyl nickel (IUPAC name: tetracarbonylnickel) is a nickel(0) organometallic compound with the formula $\text{Ni}(\text{CO})_4$.

United States market for Carbonyl Iron and Carbonyl Nickel is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Carbonyl Iron and Carbonyl Nickel is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Carbonyl Iron and Carbonyl Nickel is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Carbonyl Iron and Carbonyl Nickel players cover BASF, American Carbonyl, Sintez-CIP, Vale, Nor Nickel, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Carbonyl Iron and Carbonyl

Nickel Industry Forecast? looks at past sales and reviews total world Carbonyl Iron and Carbonyl Nickel sales in 2025, providing a comprehensive analysis by region and market sector of projected Carbonyl Iron and Carbonyl Nickel sales for 2026 through 2032. With Carbonyl Iron and Carbonyl Nickel sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Carbonyl Iron and Carbonyl Nickel industry.

This Insight Report provides a comprehensive analysis of the global Carbonyl Iron and Carbonyl Nickel landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Carbonyl Iron and Carbonyl Nickel portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Carbonyl Iron and Carbonyl Nickel market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Carbonyl Iron and Carbonyl Nickel and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Carbonyl Iron and Carbonyl Nickel.

This report presents a comprehensive overview, market shares, and growth opportunities of Carbonyl Iron and Carbonyl Nickel market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Carbonyl Iron Powder

Carbonyl Nickel Powder

Carbonyl Nickel Pellet

Segmentation by Application:

Powder Metallurgy

Functional Materials

Superhard Materials

Food and Medicine

Batteries

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BASF

American Carbonyl

Sintez-CIP

Vale

Nornickel

Jiangsu Tianyi

Jilin Jien

Jinchuan Group

Jiangxi Yuean

Shanxi Xinghua

Jiangyou Hebao

Chengdu Nuclear 857 New Materials

Key Questions Addressed in this Report

What is the 10-year outlook for the global Carbonyl Iron and Carbonyl Nickel market?

What factors are driving Carbonyl Iron and Carbonyl Nickel market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Carbonyl Iron and Carbonyl Nickel market opportunities vary by end market size?

How does Carbonyl Iron and Carbonyl Nickel break out by Type, by Application?

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