

Global SmCo Permanent Magnetic Material Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G1DEDBEC56B1EN.html>

Date: July 2026

Pages: 125

Price: US\$ 4,480.00 (Single User License)

ID: G1DEDBEC56B1EN

Abstracts

The global SmCo Permanent Magnetic Material market size is expected to reach \$ 590 million by 2032, rising at a market growth of 4.7% CAGR during the forecast period (2026-2032).

Global sales of SMCO permanent magnet materials reached 3,000 tons in 2025, with an average price of \$123/kg.

Samarium-cobalt (SMCO) permanent magnet materials are rare-earth permanent magnet alloys with samarium (Sm) and cobalt (Co) as the main components, belonging to the second generation of rare-earth permanent magnet materials. Their general chemical formula is usually SmCo₅ (1:5 type) or Sm₂Co₁₇ (2:17 type), and they are manufactured through sintering using powder metallurgy. Samarium cobalt permanent magnets possess extremely high magnetic energy product (BH_{max} up to 15?32 MGOe), excellent high-temperature resistance (maximum operating temperature up to 300?350°C, some high grades exceeding 500°C), outstanding demagnetization resistance, and good corrosion resistance. Furthermore, they do not contain neodymium (Nd), a rare earth element with low strategic sensitivity, and perform better than neodymium iron boron (NdFeB) in extreme environments.

The raw material supply chain for SmCo permanent magnets is heavily concentrated in two sectors: rare earths and strategic metals. Core raw materials include samarium (Sm) and cobalt (Co). Samarium is primarily extracted from rare-earth ores such as monazite and bastn?site, with China possessing the world's largest rare-earth reserves and smelting/separation capacities. Cobalt supplies rely heavily on copper-cobalt mines in the Democratic Republic of the Congo (DRC) and nickel-cobalt mines in Indonesia; the global supply chain is highly concentrated, and prices are subject to significant volatility. Additionally, the production of 2:17-type SmCo requires the inclusion of small

amounts of elements such as iron (Fe), copper (Cu), and zirconium (Zr) to optimize magnetic properties. Upstream industry segments include rare-earth oxide smelting, metal reduction, and alloy melting; China holds a dominant global position in upstream rare-earth separation and master alloy production. In 2025, China's Ministry of Commerce implemented export licensing controls on rare-earth-related products, further highlighting the geopolitical sensitivity of the supply chain. In terms of cost structure, Samarium-Cobalt (SmCo) permanent magnet materials are classic examples of products where costs are overwhelmingly driven by raw materials; cost fluctuations are determined almost entirely by the prices of upstream rare earth elements and cobalt. Based on the industry benchmark where magnets account for approximately 30% of the total cost of permanent magnet synchronous motors?and reflecting the typical cost composition of the rare earth permanent magnet sector?direct raw materials (samarium metal, cobalt metal, minor amounts of iron/copper/zirconium, and auxiliary materials) constitute 70?85% of the total cost. Cobalt metal is often the most significant variable in this cost structure due to its high price volatility (with prices fluctuating sharply between \$15 and \$40 per pound during 2024?2025). Energy consumption and equipment depreciation associated with the powder metallurgy sintering process account for approximately 5?10%; precision machining (grinding, wire-cut EDM, surface treatment) accounts for about 5?8%; and labor and administrative expenses account for roughly 5?10%.

This report studies the global SmCo Permanent Magnetic Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SmCo Permanent Magnetic Material 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 SmCo Permanent Magnetic Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SmCo Permanent Magnetic Material total production and demand, 2021-2032, (Kilotons)

Global SmCo Permanent Magnetic Material total production value, 2021-2032, (USD Million)

Global SmCo Permanent Magnetic Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global SmCo Permanent Magnetic Material consumption by region & country, CAGR,

2021-2032 & (Kilotons)

U.S. VS China: SmCo Permanent Magnetic Material domestic production, consumption, key domestic manufacturers and share

Global SmCo Permanent Magnetic Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global SmCo Permanent Magnetic Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global SmCo Permanent Magnetic Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global SmCo Permanent Magnetic Material 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 Arnold Magnetic Technologies (CH), Permag (GB), Shin-Etsu Chemical (JP), Vacuumschmelze (DE), Ningbo Ningang Permanent Magnet Materials (CN), Hangzhou Permanent Magnet Group (CN), Chengdu Galaxy Magnets (CN), Ningbo Ketian Magnet Industry (CN), Hangzhou Shengde Magnet Industry (CN), Ningbo Zhaobao Magnetic Industry (CN), 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 SmCo Permanent Magnetic Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) 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 SmCo Permanent Magnetic Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SmCo Permanent Magnetic Material Market, Segmentation by Type:

SmCo5

Sm₂Co₁₇

Global SmCo Permanent Magnetic Material Market, Segmentation by Process:

Sintering

Bonding

Global SmCo Permanent Magnetic Material Market, Segmentation by Product Form:

Block

Arc

Ring

Sheet/Slice

Other

Global SmCo Permanent Magnetic Material Market, Segmentation by Application:

Aerospace

Defense & Military

Communication Equipment

Medical Equipment

New Energy Vehicles

Other

Companies Profiled:

Arnold Magnetic Technologies (CH)

Permag (GB)

Shin-Etsu Chemical (JP)

Vacuumschmelze (DE)

Ningbo Ningang Permanent Magnet Materials (CN)

Hangzhou Permanent Magnet Group (CN)

Chengdu Galaxy Magnets (CN)

Ningbo Ketian Magnet Industry (CN)

Hangzhou Shengde Magnet Industry (CN)

Ningbo Zhaobao Magnetic Industry (CN)

Ningbo Kexing Materials (CN)

Ningbo Ni Lan De Magnetic Industry (CN)

Cixi Pengcheng Magnetic Steel (CN)

Tianhe Magnets (CN)

Key Questions Answered:

1. How big is the global SmCo Permanent Magnetic Material market?
2. What is the demand of the global SmCo Permanent Magnetic Material market?
3. What is the year over year growth of the global SmCo Permanent Magnetic Material market?
4. What is the production and production value of the global SmCo Permanent Magnetic Material market?
5. Who are the key producers in the global SmCo Permanent Magnetic Material market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 SmCo Permanent Magnetic Material Introduction
- 1.2 World SmCo Permanent Magnetic Material Supply & Forecast
 - 1.2.1 World SmCo Permanent Magnetic Material Production Value (2021 & 2025 & 2032)
 - 1.2.2 World SmCo Permanent Magnetic Material Production (2021-2032)
 - 1.2.3 World SmCo Permanent Magnetic Material Pricing Trends (2021-2032)
- 1.3 World SmCo Permanent Magnetic Material Production by Region (Based on Production Site)
 - 1.3.1 World SmCo Permanent Magnetic Material Production Value by Region (2021-2032)
 - 1.3.2 World SmCo Permanent Magnetic Material Production by Region (2021-2032)
 - 1.3.3 World SmCo Permanent Magnetic Material Average Price by Region (2021-2032)
 - 1.3.4 North America SmCo Permanent Magnetic Material Production (2021-2032)
 - 1.3.5 Europe SmCo Permanent Magnetic Material Production (2021-2032)
 - 1.3.6 China SmCo Permanent Magnetic Material Production (2021-2032)
 - 1.3.7 Japan SmCo Permanent Magnetic Material Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 SmCo Permanent Magnetic Material Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 SmCo Permanent Magnetic Material Major Market Trends

2 DEMAND SUMMARY

- 2.1 World SmCo Permanent Magnetic Material Demand (2021-2032)
- 2.2 World SmCo Permanent Magnetic Material Consumption by Region
 - 2.2.1 World SmCo Permanent Magnetic Material Consumption by Region (2021-2026)
 - 2.2.2 World SmCo Permanent Magnetic Material Consumption Forecast by Region (2027-2032)
- 2.3 United States SmCo Permanent Magnetic Material Consumption (2021-2032)
- 2.4 China SmCo Permanent Magnetic Material Consumption (2021-2032)
- 2.5 Europe SmCo Permanent Magnetic Material Consumption (2021-2032)
- 2.6 Japan SmCo Permanent Magnetic Material Consumption (2021-2032)
- 2.7 South Korea SmCo Permanent Magnetic Material Consumption (2021-2032)
- 2.8 ASEAN SmCo Permanent Magnetic Material Consumption (2021-2032)

2.9 India SmCo Permanent Magnetic Material Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World SmCo Permanent Magnetic Material Production Value by Manufacturer (2021-2026)

3.2 World SmCo Permanent Magnetic Material Production by Manufacturer (2021-2026)

3.3 World SmCo Permanent Magnetic Material Average Price by Manufacturer (2021-2026)

3.4 SmCo Permanent Magnetic Material Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global SmCo Permanent Magnetic Material Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for SmCo Permanent Magnetic Material in 2025

3.5.3 Global Concentration Ratios (CR8) for SmCo Permanent Magnetic Material in 2025

3.6 SmCo Permanent Magnetic Material Market: Overall Company Footprint Analysis

3.6.1 SmCo Permanent Magnetic Material Market: Region Footprint

3.6.2 SmCo Permanent Magnetic Material Market: Company Product Type Footprint

3.6.3 SmCo Permanent Magnetic Material Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: SmCo Permanent Magnetic Material Production Value Comparison

4.1.1 United States VS China: SmCo Permanent Magnetic Material Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: SmCo Permanent Magnetic Material Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: SmCo Permanent Magnetic Material Production Comparison

4.2.1 United States VS China: SmCo Permanent Magnetic Material Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: SmCo Permanent Magnetic Material Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: SmCo Permanent Magnetic Material Consumption Comparison

4.3.1 United States VS China: SmCo Permanent Magnetic Material Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: SmCo Permanent Magnetic Material Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based SmCo Permanent Magnetic Material Manufacturers and Market Share, 2021-2026

4.4.1 United States Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers SmCo Permanent Magnetic Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers SmCo Permanent Magnetic Material Production (2021-2026)

4.5 China Based SmCo Permanent Magnetic Material Manufacturers and Market Share

4.5.1 China Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SmCo Permanent Magnetic Material Production Value (2021-2026)

4.5.3 China Based Manufacturers SmCo Permanent Magnetic Material Production (2021-2026)

4.6 Rest of World Based SmCo Permanent Magnetic Material Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World SmCo Permanent Magnetic Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 SmCo5

5.2.2 Sm₂Co₁₇

5.3 Market Segment by Type

5.3.1 World SmCo Permanent Magnetic Material Production by Type (2021-2032)

5.3.2 World SmCo Permanent Magnetic Material Production Value by Type
(2021-2032)

5.3.3 World SmCo Permanent Magnetic Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PROCESS

6.1 World SmCo Permanent Magnetic Material Market Size Overview by Process: 2021
VS 2025 VS 2032

6.2 Segment Introduction by Process

6.2.1 Sintering

6.2.2 Bonding

6.3 Market Segment by Process

6.3.1 World SmCo Permanent Magnetic Material Production by Process (2021-2032)

6.3.2 World SmCo Permanent Magnetic Material Production Value by Process
(2021-2032)

6.3.3 World SmCo Permanent Magnetic Material Average Price by Process
(2021-2032)

7 MARKET ANALYSIS BY PRODUCT FORM

7.1 World SmCo Permanent Magnetic Material Market Size Overview by Product Form:
2021 VS 2025 VS 2032

7.2 Segment Introduction by Product Form

7.2.1 Block

7.2.2 Arc

7.2.3 Ring

7.2.4 Sheet/Slice

7.2.5 Other

7.3 Market Segment by Product Form

7.3.1 World SmCo Permanent Magnetic Material Production by Product Form
(2021-2032)

7.3.2 World SmCo Permanent Magnetic Material Production Value by Product Form
(2021-2032)

7.3.3 World SmCo Permanent Magnetic Material Average Price by Product Form
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World SmCo Permanent Magnetic Material Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Aerospace

8.2.2 Defense & Military

8.2.3 Communication Equipment

8.2.4 Medical Equipment

8.2.5 New Energy Vehicles

8.2.6 Other

8.3 Market Segment by Application

8.3.1 World SmCo Permanent Magnetic Material Production by Application
(2021-2032)

8.3.2 World SmCo Permanent Magnetic Material Production Value by Application
(2021-2032)

8.3.3 World SmCo Permanent Magnetic Material Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Arnold Magnetic Technologies (CH)

9.1.1 Arnold Magnetic Technologies (CH) Details

9.1.2 Arnold Magnetic Technologies (CH) Major Business

9.1.3 Arnold Magnetic Technologies (CH) SmCo Permanent Magnetic Material
Product and Services

9.1.4 Arnold Magnetic Technologies (CH) SmCo Permanent Magnetic Material
Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Arnold Magnetic Technologies (CH) Recent Developments/Updates

9.1.6 Arnold Magnetic Technologies (CH) Competitive Strengths & Weaknesses

9.2 Permag (GB)

9.2.1 Permag (GB) Details

9.2.2 Permag (GB) Major Business

9.2.3 Permag (GB) SmCo Permanent Magnetic Material Product and Services

9.2.4 Permag (GB) SmCo Permanent Magnetic Material Production, Price, Value,
Gross Margin and Market Share (2021-2026)

9.2.5 Permag (GB) Recent Developments/Updates

9.2.6 Permag (GB) Competitive Strengths & Weaknesses

9.3 Shin-Etsu Chemical (JP)

9.3.1 Shin-Etsu Chemical (JP) Details

9.3.2 Shin-Etsu Chemical (JP) Major Business

9.3.3 Shin-Etsu Chemical (JP) SmCo Permanent Magnetic Material Product and Services

9.3.4 Shin-Etsu Chemical (JP) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Shin-Etsu Chemical (JP) Recent Developments/Updates

9.3.6 Shin-Etsu Chemical (JP) Competitive Strengths & Weaknesses

9.4 Vacuumschmelze (DE)

9.4.1 Vacuumschmelze (DE) Details

9.4.2 Vacuumschmelze (DE) Major Business

9.4.3 Vacuumschmelze (DE) SmCo Permanent Magnetic Material Product and Services

9.4.4 Vacuumschmelze (DE) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Vacuumschmelze (DE) Recent Developments/Updates

9.4.6 Vacuumschmelze (DE) Competitive Strengths & Weaknesses

9.5 Ningbo Ningang Permanent Magnet Materials (CN)

9.5.1 Ningbo Ningang Permanent Magnet Materials (CN) Details

9.5.2 Ningbo Ningang Permanent Magnet Materials (CN) Major Business

9.5.3 Ningbo Ningang Permanent Magnet Materials (CN) SmCo Permanent Magnetic Material Product and Services

9.5.4 Ningbo Ningang Permanent Magnet Materials (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Ningbo Ningang Permanent Magnet Materials (CN) Recent Developments/Updates

9.5.6 Ningbo Ningang Permanent Magnet Materials (CN) Competitive Strengths & Weaknesses

9.6 Hangzhou Permanent Magnet Group (CN)

9.6.1 Hangzhou Permanent Magnet Group (CN) Details

9.6.2 Hangzhou Permanent Magnet Group (CN) Major Business

9.6.3 Hangzhou Permanent Magnet Group (CN) SmCo Permanent Magnetic Material Product and Services

9.6.4 Hangzhou Permanent Magnet Group (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Hangzhou Permanent Magnet Group (CN) Recent Developments/Updates

9.6.6 Hangzhou Permanent Magnet Group (CN) Competitive Strengths & Weaknesses

9.7 Chengdu Galaxy Magnets (CN)

- 9.7.1 Chengdu Galaxy Magnets (CN) Details
- 9.7.2 Chengdu Galaxy Magnets (CN) Major Business
- 9.7.3 Chengdu Galaxy Magnets (CN) SmCo Permanent Magnetic Material Product and Services
- 9.7.4 Chengdu Galaxy Magnets (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 Chengdu Galaxy Magnets (CN) Recent Developments/Updates
- 9.7.6 Chengdu Galaxy Magnets (CN) Competitive Strengths & Weaknesses
- 9.8 Ningbo Ketian Magnet Industry (CN)
 - 9.8.1 Ningbo Ketian Magnet Industry (CN) Details
 - 9.8.2 Ningbo Ketian Magnet Industry (CN) Major Business
 - 9.8.3 Ningbo Ketian Magnet Industry (CN) SmCo Permanent Magnetic Material Product and Services
 - 9.8.4 Ningbo Ketian Magnet Industry (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Ningbo Ketian Magnet Industry (CN) Recent Developments/Updates
 - 9.8.6 Ningbo Ketian Magnet Industry (CN) Competitive Strengths & Weaknesses
- 9.9 Hangzhou Shengde Magnet Industry (CN)
 - 9.9.1 Hangzhou Shengde Magnet Industry (CN) Details
 - 9.9.2 Hangzhou Shengde Magnet Industry (CN) Major Business
 - 9.9.3 Hangzhou Shengde Magnet Industry (CN) SmCo Permanent Magnetic Material Product and Services
 - 9.9.4 Hangzhou Shengde Magnet Industry (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Hangzhou Shengde Magnet Industry (CN) Recent Developments/Updates
 - 9.9.6 Hangzhou Shengde Magnet Industry (CN) Competitive Strengths & Weaknesses
- 9.10 Ningbo Zhaobao Magnetic Industry (CN)
 - 9.10.1 Ningbo Zhaobao Magnetic Industry (CN) Details
 - 9.10.2 Ningbo Zhaobao Magnetic Industry (CN) Major Business
 - 9.10.3 Ningbo Zhaobao Magnetic Industry (CN) SmCo Permanent Magnetic Material Product and Services
 - 9.10.4 Ningbo Zhaobao Magnetic Industry (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Ningbo Zhaobao Magnetic Industry (CN) Recent Developments/Updates
 - 9.10.6 Ningbo Zhaobao Magnetic Industry (CN) Competitive Strengths & Weaknesses
- 9.11 Ningbo Kexing Materials (CN)
 - 9.11.1 Ningbo Kexing Materials (CN) Details
 - 9.11.2 Ningbo Kexing Materials (CN) Major Business
 - 9.11.3 Ningbo Kexing Materials (CN) SmCo Permanent Magnetic Material Product and

Services

9.11.4 Ningbo Kexing Materials (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Ningbo Kexing Materials (CN) Recent Developments/Updates

9.11.6 Ningbo Kexing Materials (CN) Competitive Strengths & Weaknesses

9.12 Ningbo Ni Lan De Magnetic Industry (CN)

9.12.1 Ningbo Ni Lan De Magnetic Industry (CN) Details

9.12.2 Ningbo Ni Lan De Magnetic Industry (CN) Major Business

9.12.3 Ningbo Ni Lan De Magnetic Industry (CN) SmCo Permanent Magnetic Material Product and Services

9.12.4 Ningbo Ni Lan De Magnetic Industry (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Ningbo Ni Lan De Magnetic Industry (CN) Recent Developments/Updates

9.12.6 Ningbo Ni Lan De Magnetic Industry (CN) Competitive Strengths & Weaknesses

9.13 Cixi Pengcheng Magnetic Steel (CN)

9.13.1 Cixi Pengcheng Magnetic Steel (CN) Details

9.13.2 Cixi Pengcheng Magnetic Steel (CN) Major Business

9.13.3 Cixi Pengcheng Magnetic Steel (CN) SmCo Permanent Magnetic Material Product and Services

9.13.4 Cixi Pengcheng Magnetic Steel (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Cixi Pengcheng Magnetic Steel (CN) Recent Developments/Updates

9.13.6 Cixi Pengcheng Magnetic Steel (CN) Competitive Strengths & Weaknesses

9.14 Tianhe Magnets (CN)

9.14.1 Tianhe Magnets (CN) Details

9.14.2 Tianhe Magnets (CN) Major Business

9.14.3 Tianhe Magnets (CN) SmCo Permanent Magnetic Material Product and Services

9.14.4 Tianhe Magnets (CN) SmCo Permanent Magnetic Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Tianhe Magnets (CN) Recent Developments/Updates

9.14.6 Tianhe Magnets (CN) Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 SmCo Permanent Magnetic Material Industry Chain

10.2 SmCo Permanent Magnetic Material Upstream Analysis

10.2.1 SmCo Permanent Magnetic Material Core Raw Materials

- 10.2.2 Main Manufacturers of SmCo Permanent Magnetic Material Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 SmCo Permanent Magnetic Material Production Mode
- 10.6 SmCo Permanent Magnetic Material Procurement Model
- 10.7 SmCo Permanent Magnetic Material Industry Sales Model and Sales Channels
 - 10.7.1 SmCo Permanent Magnetic Material Sales Model
 - 10.7.2 SmCo Permanent Magnetic Material Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World SmCo Permanent Magnetic Material Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World SmCo Permanent Magnetic Material Production Value by Region (2021-2026) & (USD Million)

Table 3. World SmCo Permanent Magnetic Material Production Value by Region (2027-2032) & (USD Million)

Table 4. World SmCo Permanent Magnetic Material Production Value Market Share by Region (2021-2026)

Table 5. World SmCo Permanent Magnetic Material Production Value Market Share by Region (2027-2032)

Table 6. World SmCo Permanent Magnetic Material Production by Region (2021-2026) & (Kilotons)

Table 7. World SmCo Permanent Magnetic Material Production by Region (2027-2032) & (Kilotons)

Table 8. World SmCo Permanent Magnetic Material Production Market Share by Region (2021-2026)

Table 9. World SmCo Permanent Magnetic Material Production Market Share by Region (2027-2032)

Table 10. World SmCo Permanent Magnetic Material Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World SmCo Permanent Magnetic Material Average Price by Region (2027-2032) & (US\$/kg)

Table 12. SmCo Permanent Magnetic Material Major Market Trends

Table 13. World SmCo Permanent Magnetic Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Kilotons)

Table 14. World SmCo Permanent Magnetic Material Consumption by Region (2021-2026) & (Kilotons)

Table 15. World SmCo Permanent Magnetic Material Consumption Forecast by Region (2027-2032) & (Kilotons)

Table 16. World SmCo Permanent Magnetic Material Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key SmCo Permanent Magnetic Material Producers in 2025

Table 18. World SmCo Permanent Magnetic Material Production by Manufacturer (2021-2026) & (Kilotons)

Table 19. Production Market Share of Key SmCo Permanent Magnetic Material Producers in 2025

Table 20. World SmCo Permanent Magnetic Material Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global SmCo Permanent Magnetic Material Company Evaluation Quadrant

Table 22. World SmCo Permanent Magnetic Material Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and SmCo Permanent Magnetic Material Production Site of Key Manufacturer

Table 24. SmCo Permanent Magnetic Material Market: Company Product Type Footprint

Table 25. SmCo Permanent Magnetic Material Market: Company Product Application Footprint

Table 26. SmCo Permanent Magnetic Material Competitive Factors

Table 27. SmCo Permanent Magnetic Material New Entrant and Capacity Expansion Plans

Table 28. SmCo Permanent Magnetic Material Mergers & Acquisitions Activity

Table 29. United States VS China SmCo Permanent Magnetic Material Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China SmCo Permanent Magnetic Material Production Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 31. United States VS China SmCo Permanent Magnetic Material Consumption Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 32. United States Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SmCo Permanent Magnetic Material Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers SmCo Permanent Magnetic Material Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers SmCo Permanent Magnetic Material Production (2021-2026) & (Kilotons)

Table 36. United States Based Manufacturers SmCo Permanent Magnetic Material Production Market Share (2021-2026)

Table 37. China Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SmCo Permanent Magnetic Material Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers SmCo Permanent Magnetic Material Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers SmCo Permanent Magnetic Material Production, (2021-2026) & (Kilotons)

Table 41. China Based Manufacturers SmCo Permanent Magnetic Material Production Market Share (2021-2026)

Table 42. Rest of World Based SmCo Permanent Magnetic Material Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production, (2021-2026) & (Kilotons)

Table 46. Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production Market Share (2021-2026)

Table 47. World SmCo Permanent Magnetic Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World SmCo Permanent Magnetic Material Production by Type (2021-2026) & (Kilotons)

Table 49. World SmCo Permanent Magnetic Material Production by Type (2027-2032) & (Kilotons)

Table 50. World SmCo Permanent Magnetic Material Production Value by Type (2021-2026) & (USD Million)

Table 51. World SmCo Permanent Magnetic Material Production Value by Type (2027-2032) & (USD Million)

Table 52. World SmCo Permanent Magnetic Material Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World SmCo Permanent Magnetic Material Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World SmCo Permanent Magnetic Material Production Value by Process, (USD Million), 2021 & 2025 & 2032

Table 55. World SmCo Permanent Magnetic Material Production by Process (2021-2026) & (Kilotons)

Table 56. World SmCo Permanent Magnetic Material Production by Process (2027-2032) & (Kilotons)

Table 57. World SmCo Permanent Magnetic Material Production Value by Process (2021-2026) & (USD Million)

Table 58. World SmCo Permanent Magnetic Material Production Value by Process (2027-2032) & (USD Million)

Table 59. World SmCo Permanent Magnetic Material Average Price by Process

(2021-2026) & (US\$/kg)

Table 60. World SmCo Permanent Magnetic Material Average Price by Process

(2027-2032) & (US\$/kg)

Table 61. World SmCo Permanent Magnetic Material Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Table 62. World SmCo Permanent Magnetic Material Production by Product Form (2021-2026) & (Kilotons)

Table 63. World SmCo Permanent Magnetic Material Production by Product Form (2027-2032) & (Kilotons)

Table 64. World SmCo Permanent Magnetic Material Production Value by Product Form (2021-2026) & (USD Million)

Table 65. World SmCo Permanent Magnetic Material Production Value by Product Form (2027-2032) & (USD Million)

Table 66. World SmCo Permanent Magnetic Material Average Price by Product Form (2021-2026) & (US\$/kg)

Table 67. World SmCo Permanent Magnetic Material Average Price by Product Form (2027-2032) & (US\$/kg)

Table 68. World SmCo Permanent Magnetic Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World SmCo Permanent Magnetic Material Production by Application (2021-2026) & (Kilotons)

Table 70. World SmCo Permanent Magnetic Material Production by Application (2027-2032) & (Kilotons)

Table 71. World SmCo Permanent Magnetic Material Production Value by Application (2021-2026) & (USD Million)

Table 72. World SmCo Permanent Magnetic Material Production Value by Application (2027-2032) & (USD Million)

Table 73. World SmCo Permanent Magnetic Material Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World SmCo Permanent Magnetic Material Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Arnold Magnetic Technologies (CH) Basic Information, Manufacturing Base and Competitors

Table 76. Arnold Magnetic Technologies (CH) Major Business

Table 77. Arnold Magnetic Technologies (CH) SmCo Permanent Magnetic Material Product and Services

Table 78. Arnold Magnetic Technologies (CH) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Arnold Magnetic Technologies (CH) Recent Developments/Updates

Table 80. Arnold Magnetic Technologies (CH) Competitive Strengths & Weaknesses

Table 81. Permag (GB) Basic Information, Manufacturing Base and Competitors

Table 82. Permag (GB) Major Business

Table 83. Permag (GB) SmCo Permanent Magnetic Material Product and Services

Table 84. Permag (GB) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Permag (GB) Recent Developments/Updates

Table 86. Permag (GB) Competitive Strengths & Weaknesses

Table 87. Shin-Etsu Chemical (JP) Basic Information, Manufacturing Base and Competitors

Table 88. Shin-Etsu Chemical (JP) Major Business

Table 89. Shin-Etsu Chemical (JP) SmCo Permanent Magnetic Material Product and Services

Table 90. Shin-Etsu Chemical (JP) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Shin-Etsu Chemical (JP) Recent Developments/Updates

Table 92. Shin-Etsu Chemical (JP) Competitive Strengths & Weaknesses

Table 93. Vacuumschmelze (DE) Basic Information, Manufacturing Base and Competitors

Table 94. Vacuumschmelze (DE) Major Business

Table 95. Vacuumschmelze (DE) SmCo Permanent Magnetic Material Product and Services

Table 96. Vacuumschmelze (DE) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Vacuumschmelze (DE) Recent Developments/Updates

Table 98. Vacuumschmelze (DE) Competitive Strengths & Weaknesses

Table 99. Ningbo Ningang Permanent Magnet Materials (CN) Basic Information, Manufacturing Base and Competitors

Table 100. Ningbo Ningang Permanent Magnet Materials (CN) Major Business

Table 101. Ningbo Ningang Permanent Magnet Materials (CN) SmCo Permanent Magnetic Material Product and Services

Table 102. Ningbo Ningang Permanent Magnet Materials (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Ningbo Ningang Permanent Magnet Materials (CN) Recent

Developments/Updates

Table 104. Ningbo Ningang Permanent Magnet Materials (CN) Competitive Strengths & Weaknesses

Table 105. Hangzhou Permanent Magnet Group (CN) Basic Information, Manufacturing Base and Competitors

Table 106. Hangzhou Permanent Magnet Group (CN) Major Business

Table 107. Hangzhou Permanent Magnet Group (CN) SmCo Permanent Magnetic Material Product and Services

Table 108. Hangzhou Permanent Magnet Group (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Hangzhou Permanent Magnet Group (CN) Recent Developments/Updates

Table 110. Hangzhou Permanent Magnet Group (CN) Competitive Strengths & Weaknesses

Table 111. Chengdu Galaxy Magnets (CN) Basic Information, Manufacturing Base and Competitors

Table 112. Chengdu Galaxy Magnets (CN) Major Business

Table 113. Chengdu Galaxy Magnets (CN) SmCo Permanent Magnetic Material Product and Services

Table 114. Chengdu Galaxy Magnets (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Chengdu Galaxy Magnets (CN) Recent Developments/Updates

Table 116. Chengdu Galaxy Magnets (CN) Competitive Strengths & Weaknesses

Table 117. Ningbo Ketian Magnet Industry (CN) Basic Information, Manufacturing Base and Competitors

Table 118. Ningbo Ketian Magnet Industry (CN) Major Business

Table 119. Ningbo Ketian Magnet Industry (CN) SmCo Permanent Magnetic Material Product and Services

Table 120. Ningbo Ketian Magnet Industry (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Ningbo Ketian Magnet Industry (CN) Recent Developments/Updates

Table 122. Ningbo Ketian Magnet Industry (CN) Competitive Strengths & Weaknesses

Table 123. Hangzhou Shengde Magnet Industry (CN) Basic Information, Manufacturing Base and Competitors

Table 124. Hangzhou Shengde Magnet Industry (CN) Major Business

Table 125. Hangzhou Shengde Magnet Industry (CN) SmCo Permanent Magnetic Material Product and Services

Table 126. Hangzhou Shengde Magnet Industry (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Hangzhou Shengde Magnet Industry (CN) Recent Developments/Updates

Table 128. Hangzhou Shengde Magnet Industry (CN) Competitive Strengths & Weaknesses

Table 129. Ningbo Zhaobao Magnetic Industry (CN) Basic Information, Manufacturing Base and Competitors

Table 130. Ningbo Zhaobao Magnetic Industry (CN) Major Business

Table 131. Ningbo Zhaobao Magnetic Industry (CN) SmCo Permanent Magnetic Material Product and Services

Table 132. Ningbo Zhaobao Magnetic Industry (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Ningbo Zhaobao Magnetic Industry (CN) Recent Developments/Updates

Table 134. Ningbo Zhaobao Magnetic Industry (CN) Competitive Strengths & Weaknesses

Table 135. Ningbo Kexing Materials (CN) Basic Information, Manufacturing Base and Competitors

Table 136. Ningbo Kexing Materials (CN) Major Business

Table 137. Ningbo Kexing Materials (CN) SmCo Permanent Magnetic Material Product and Services

Table 138. Ningbo Kexing Materials (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Ningbo Kexing Materials (CN) Recent Developments/Updates

Table 140. Ningbo Kexing Materials (CN) Competitive Strengths & Weaknesses

Table 141. Ningbo Ni Lan De Magnetic Industry (CN) Basic Information, Manufacturing Base and Competitors

Table 142. Ningbo Ni Lan De Magnetic Industry (CN) Major Business

Table 143. Ningbo Ni Lan De Magnetic Industry (CN) SmCo Permanent Magnetic Material Product and Services

Table 144. Ningbo Ni Lan De Magnetic Industry (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Ningbo Ni Lan De Magnetic Industry (CN) Recent Developments/Updates

Table 146. Ningbo Ni Lan De Magnetic Industry (CN) Competitive Strengths & Weaknesses

Table 147. Cixi Pengcheng Magnetic Steel (CN) Basic Information, Manufacturing Base

and Competitors

Table 148. Cixi Pengcheng Magnetic Steel (CN) Major Business

Table 149. Cixi Pengcheng Magnetic Steel (CN) SmCo Permanent Magnetic Material Product and Services

Table 150. Cixi Pengcheng Magnetic Steel (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Cixi Pengcheng Magnetic Steel (CN) Recent Developments/Updates

Table 152. Cixi Pengcheng Magnetic Steel (CN) Competitive Strengths & Weaknesses

Table 153. Tianhe Magnets (CN) Basic Information, Manufacturing Base and Competitors

Table 154. Tianhe Magnets (CN) Major Business

Table 155. Tianhe Magnets (CN) SmCo Permanent Magnetic Material Product and Services

Table 156. Tianhe Magnets (CN) SmCo Permanent Magnetic Material Production (Kilotons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Tianhe Magnets (CN) Recent Developments/Updates

Table 158. Tianhe Magnets (CN) Competitive Strengths & Weaknesses

Table 159. Global Key Players of SmCo Permanent Magnetic Material Upstream (Raw Materials)

Table 160. Global SmCo Permanent Magnetic Material Typical Customers

Table 161. SmCo Permanent Magnetic Material Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. SmCo Permanent Magnetic Material Picture
- Figure 2. World SmCo Permanent Magnetic Material Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World SmCo Permanent Magnetic Material Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World SmCo Permanent Magnetic Material Production (2021-2032) & (Kilotons)
- Figure 5. World SmCo Permanent Magnetic Material Average Price (2021-2032) & (US\$/kg)
- Figure 6. World SmCo Permanent Magnetic Material Production Value Market Share by Region (2021-2032)
- Figure 7. World SmCo Permanent Magnetic Material Production Market Share by Region (2021-2032)
- Figure 8. North America SmCo Permanent Magnetic Material Production (2021-2032) & (Kilotons)
- Figure 9. Europe SmCo Permanent Magnetic Material Production (2021-2032) & (Kilotons)
- Figure 10. China SmCo Permanent Magnetic Material Production (2021-2032) & (Kilotons)
- Figure 11. Japan SmCo Permanent Magnetic Material Production (2021-2032) & (Kilotons)
- Figure 12. SmCo Permanent Magnetic Material Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)
- Figure 15. World SmCo Permanent Magnetic Material Consumption Market Share by Region (2021-2032)
- Figure 16. United States SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)
- Figure 17. China SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)
- Figure 18. Europe SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)
- Figure 19. Japan SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)

Figure 20. South Korea SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)

Figure 21. ASEAN SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)

Figure 22. India SmCo Permanent Magnetic Material Consumption (2021-2032) & (Kilotons)

Figure 23. Producer Shipments of SmCo Permanent Magnetic Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for SmCo Permanent Magnetic Material Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for SmCo Permanent Magnetic Material Markets in 2025

Figure 26. United States VS China: SmCo Permanent Magnetic Material Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: SmCo Permanent Magnetic Material Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: SmCo Permanent Magnetic Material Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers SmCo Permanent Magnetic Material Production Market Share 2025

Figure 30. China Based Manufacturers SmCo Permanent Magnetic Material Production Market Share 2025

Figure 31. Rest of World Based Manufacturers SmCo Permanent Magnetic Material Production Market Share 2025

Figure 32. World SmCo Permanent Magnetic Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World SmCo Permanent Magnetic Material Production Value Market Share by Type in 2025

Figure 34. SmCo5

Figure 35. Sm2Co17

Figure 36. World SmCo Permanent Magnetic Material Production Market Share by Type (2021-2032)

Figure 37. World SmCo Permanent Magnetic Material Production Value Market Share by Type (2021-2032)

Figure 38. World SmCo Permanent Magnetic Material Average Price by Type (2021-2032) & (US\$/kg)

Figure 39. World SmCo Permanent Magnetic Material Production Value by Process, (USD Million), 2021 & 2025 & 2032

Figure 40. World SmCo Permanent Magnetic Material Production Value Market Share

by Process in 2025

Figure 41. Sintering

Figure 42. Bonding

Figure 43. World SmCo Permanent Magnetic Material Production Market Share by Process (2021-2032)

Figure 44. World SmCo Permanent Magnetic Material Production Value Market Share by Process (2021-2032)

Figure 45. World SmCo Permanent Magnetic Material Average Price by Process (2021-2032) & (US\$/kg)

Figure 46. World SmCo Permanent Magnetic Material Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Figure 47. World SmCo Permanent Magnetic Material Production Value Market Share by Product Form in 2025

Figure 48. Block

Figure 49. Arc

Figure 50. Ring

Figure 51. Sheet/Slice

Figure 52. Other

Figure 53. World SmCo Permanent Magnetic Material Production Market Share by Product Form (2021-2032)

Figure 54. World SmCo Permanent Magnetic Material Production Value Market Share by Product Form (2021-2032)

Figure 55. World SmCo Permanent Magnetic Material Average Price by Product Form (2021-2032) & (US\$/kg)

Figure 56. World SmCo Permanent Magnetic Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World SmCo Permanent Magnetic Material Production Value Market Share by Application in 2025

Figure 58. Aerospace

Figure 59. Defense & Military

Figure 60. Communication Equipment

Figure 61. Medical Equipment

Figure 62. New Energy Vehicles

Figure 63. Other

Figure 64. World SmCo Permanent Magnetic Material Production Market Share by Application (2021-2032)

Figure 65. World SmCo Permanent Magnetic Material Production Value Market Share by Application (2021-2032)

Figure 66. World SmCo Permanent Magnetic Material Average Price by Application

(2021-2032) & (US\$/kg)

Figure 67. SmCo Permanent Magnetic Material Industry Chain

Figure 68. SmCo Permanent Magnetic Material Procurement Model

Figure 69. SmCo Permanent Magnetic Material Sales Model

Figure 70. SmCo Permanent Magnetic Material Sales Channels, Direct Sales, and Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

I would like to order

Product name: Global SmCo Permanent Magnetic Material Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G1DEDBEC56B1EN.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/G1DEDBEC56B1EN.html>