

Global Chromium Oxide Market Size study & Forecast, by Type (Pigment Grade, Metallurgical Grade) by Application (Pigments and Colorants, Metallurgy) and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/G363F5BEEC09EN.html>

Date: December 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G363F5BEEC09EN

Abstracts

The Global Chromium Oxide Market is valued at approximately USD 0.58 billion in 2024 and is expected to expand at a steady CAGR of 4.80% during the forecast period 2025-2035. Chromium oxide, a highly stable and versatile compound, finds extensive applications in pigments, ceramics, refractory materials, and metallurgy, owing to its remarkable chemical stability, thermal resistance, and vibrant green hue. The market growth is primarily propelled by rising industrial demand for high-performance coatings, eco-friendly pigments, and metallurgical applications, coupled with the expansion of construction, automotive, and ceramics sectors globally.

Increasing adoption of chromium oxide in environmentally friendly coatings and green pigments is fueling market momentum. Pigment-grade chromium oxide is extensively used in paints, coatings, and colored concrete to achieve long-lasting color stability, while metallurgical-grade variants are essential for manufacturing high-strength alloys, refractories, and other industrial components. Furthermore, technological advancements in production methods, such as wet chemical and high-temperature synthesis, enhance purity and performance, thereby unlocking lucrative opportunities for market participants.

The detailed segments and sub-segments included in the report are:

By Type:

Pigment Grade

Metallurgical Grade

By Application:

Pigments and Colorants

Metallurgy

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Pigment Grade Chromium Oxide Expected to Dominate the Market

Pigment-grade chromium oxide holds the largest market share, driven by the surging demand in paints, coatings, and construction applications where color durability and chemical stability are paramount. The growth is further supported by environmentally conscious regulations promoting non-toxic pigments. While pigment grade dominates in volume, metallurgical-grade chromium oxide is witnessing substantial growth due to its pivotal role in high-strength alloy production and refractory applications, reflecting a balanced market scenario between decorative and industrial uses.

Metallurgical Grade Leads in Revenue Contribution

From a revenue perspective, metallurgical-grade chromium oxide generates the largest share, primarily because of its extensive application in steel manufacturing, refractory bricks, and high-performance alloys. Pigment-grade chromium oxide, although dominant in consumption, contributes steadily to revenue due to lower unit prices. This nuanced distinction highlights the market dynamics, where performance-driven metallurgical applications command higher economic value despite lower volumes.

North America captured the largest market share in 2025, backed by its established industrial base, advanced metallurgical sector, and high adoption of pigment applications in construction and coatings. Asia Pacific is anticipated to be the fastest-growing region during the forecast period, fueled by rapid industrialization, increased infrastructure development, and a rising appetite for green pigments in paints and coatings. Europe maintains a steady growth trajectory due to stringent environmental norms and growing demand for high-performance coatings, whereas Latin America and the Middle East & Africa are witnessing gradual market expansion supported by emerging industrial applications and metallurgical investments.

Major market players included in this report are:

Omya AG

Lanxess AG

SCR S.R.L.

Tronox Holdings PLC

Sumitomo Chemical Co., Ltd.

Hunan Chenzhou Mining Co., Ltd.

AlphaChem Group

KHD Humboldt Wedag International AG

U.S. Borax, Inc.

BASF SE

Ferro Corporation

Evonik Industries AG

Heubach GmbH

Jiangsu Pacific Chemical Co., Ltd.

Zhejiang Medicine Co., Ltd.

Global Chromium Oxide Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments and countries in recent years and to forecast the values for the coming years. The report incorporates both qualitative and quantitative aspects of the industry, highlighting key growth drivers, challenges, and potential opportunities in micro-markets, along with detailed analysis of the competitive landscape and product offerings of leading players.

Key Takeaways:

Global Chromium Oxide Market Size study & Forecast, by Type (Pigment Grade, Metallurgical Grade) by Applicatio...

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Competitive landscape with information on major players in the market.

Evaluation of key business strategies and recommendations on future market approach.

Assessment of competitive structure within the market.

Demand and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL CHROMIUM OXIDE MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. key Findings

CHAPTER 3. GLOBAL CHROMIUM OXIDE MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping The Global Chromium Oxide Market (2024-2035)
- 3.2. Drivers
 - 3.2.1. rising industrial demand for high-performance coatings
 - 3.2.2. Increasing eco-friendly pigments
- 3.3. Restraints
 - 3.3.1. High cost
- 3.4. Opportunities
 - 3.4.1. expansion of construction, automotive, and ceramics sectors

CHAPTER 4. GLOBAL CHROMIUM OXIDE INDUSTRY ANALYSIS

- 4.1. Porter's 5 Forces Model
 - 4.1.1. Bargaining Power of Buyer
 - 4.1.2. Bargaining Power of Supplier
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Forecast Model (2024-2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024-2025)
- 4.7. Global Pricing Analysis And Trends 2025
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL CHROMIUM OXIDE MARKET SIZE & FORECASTS BY TYPE 2025-2035

- 5.1. Market Overview
- 5.2. Global Chromium Oxide Market Performance - Potential Analysis (2025)
- 5.3. Pigment Grade
 - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
 - 5.3.2. Market size analysis, by region, 2025-2035
- 5.4. Metallurgical Grade
 - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
 - 5.4.2. Market size analysis, by region, 2025-2035

CHAPTER 6. GLOBAL CHROMIUM OXIDE MARKET SIZE & FORECASTS BY APPLICATION 2025–2035

- 6.1. Market Overview
- 6.2. Global Chromium Oxide Market Performance - Potential Analysis (2025)
- 6.3. Pigments and Colorants
 - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

- 6.3.2. Market size analysis, by region, 2025-2035
- 6.4. Metallurgy
 - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
 - 6.4.2. Market size analysis, by region, 2025-2035

CHAPTER 7. GLOBAL CHROMIUM OXIDE MARKET SIZE & FORECASTS BY REGION 2025–2035

- 7.1. Growth Chromium Oxide Market, Regional Market Snapshot
- 7.2. Top Leading & Emerging Countries
- 7.3. North America Chromium Oxide Market
 - 7.3.1. U.S. Chromium Oxide Market
 - 7.3.1.1. Type breakdown size & forecasts, 2025-2035
 - 7.3.1.2. Application breakdown size & forecasts, 2025-2035
 - 7.3.2. Canada Chromium Oxide Market
 - 7.3.2.1. Type breakdown size & forecasts, 2025-2035
 - 7.3.2.2. Application breakdown size & forecasts, 2025-2035
- 7.4. Europe Chromium Oxide Market
 - 7.4.1. UK Chromium Oxide Market
 - 7.4.1.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.1.2. Application breakdown size & forecasts, 2025-2035
 - 7.4.2. Germany Chromium Oxide Market
 - 7.4.2.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.2.2. Application breakdown size & forecasts, 2025-2035
 - 7.4.3. France Chromium Oxide Market
 - 7.4.3.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.3.2. Application breakdown size & forecasts, 2025-2035
 - 7.4.4. Spain Chromium Oxide Market
 - 7.4.4.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.4.2. Application breakdown size & forecasts, 2025-2035
 - 7.4.5. Italy Chromium Oxide Market
 - 7.4.5.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.5.2. Application breakdown size & forecasts, 2025-2035
 - 7.4.6. Rest of Europe Chromium Oxide Market
 - 7.4.6.1. Type breakdown size & forecasts, 2025-2035
 - 7.4.6.2. Application breakdown size & forecasts, 2025-2035
- 7.5. Asia Pacific Chromium Oxide Market
 - 7.5.1. China Chromium Oxide Market
 - 7.5.1.1. Type breakdown size & forecasts, 2025-2035

- 7.5.1.2. Application breakdown size & forecasts, 2025-2035
- 7.5.2. India Chromium Oxide Market
 - 7.5.2.1. Type breakdown size & forecasts, 2025-2035
 - 7.5.2.2. Application breakdown size & forecasts, 2025-2035
- 7.5.3. Japan Chromium Oxide Market
 - 7.5.3.1. Type breakdown size & forecasts, 2025-2035
 - 7.5.3.2. Application breakdown size & forecasts, 2025-2035
- 7.5.4. Australia Chromium Oxide Market
 - 7.5.4.1. Type breakdown size & forecasts, 2025-2035
 - 7.5.4.2. Application breakdown size & forecasts, 2025-2035
- 7.5.5. South Korea Chromium Oxide Market
 - 7.5.5.1. Type breakdown size & forecasts, 2025-2035
 - 7.5.5.2. Application breakdown size & forecasts, 2025-2035
- 7.5.6. Rest of APAC Chromium Oxide Market
 - 7.5.6.1. Type breakdown size & forecasts, 2025-2035
 - 7.5.6.2. Application breakdown size & forecasts, 2025-2035
- 7.6. Latin America Chromium Oxide Market
 - 7.6.1. Brazil Chromium Oxide Market
 - 7.6.1.1. Type breakdown size & forecasts, 2025-2035
 - 7.6.1.2. Application breakdown size & forecasts, 2025-2035
 - 7.6.2. Mexico Chromium Oxide Market
 - 7.6.2.1. Type breakdown size & forecasts, 2025-2035
 - 7.6.2.2. Application breakdown size & forecasts, 2025-2035
- 7.7. Middle East and Africa Chromium Oxide Market
 - 7.7.1. UAE Chromium Oxide Market
 - 7.7.1.1. Type breakdown size & forecasts, 2025-2035
 - 7.7.1.2. Application breakdown size & forecasts, 2025-2035
 - 7.7.2. Saudi Arabia (KSA) Chromium Oxide Market
 - 7.7.2.1. Type breakdown size & forecasts, 2025-2035
 - 7.7.2.2. Application breakdown size & forecasts, 2025-2035
 - 7.7.3. South Africa Chromium Oxide Market
 - 7.7.3.1. Type breakdown size & forecasts, 2025-2035
 - 7.7.3.2. Application breakdown size & forecasts, 2025-2035

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Omya AG
 - 8.2.1. Company Overview

- 8.2.2. Key Executives
- 8.2.3. Company Snapshot
- 8.2.4. Financial Performance (Subject to Data Availability)
- 8.2.5. Product/Services Port
- 8.2.6. Recent Development
- 8.2.7. Market Strategies
- 8.2.8. SWOT Analysis
- 8.3. Lanxess AG
- 8.4. SCR S.R.L.
- 8.5. Tronox Holdings PLC
- 8.6. Sumitomo Chemical Co., Ltd.
- 8.7. Hunan Chenzhou Mining Co., Ltd.
- 8.8. AlphaChem Group
- 8.9. KHD Humboldt Wedag International AG
- 8.10. U.S. Borax, Inc.
- 8.11. BASF SE
- 8.12. Ferro Corporation
- 8.13. Evonik Industries AG
- 8.14. Heubach GmbH
- 8.15. Jiangsu Pacific Chemical Co., Ltd.
- 8.16. Zhejiang Medicine Co., Ltd.

List Of Tables

LIST OF TABLES

- Table 1. Global District Heating Market, Report Scope
- Table 2. Global District Heating Market Estimates & Forecasts By Region 2024–2035
- Table 3. Global District Heating Market Estimates & Forecasts By Segment 2024–2035
- Table 4. Global District Heating Market Estimates & Forecasts By Segment 2024–2035
- Table 5. Global District Heating Market Estimates & Forecasts By Segment 2024–2035
- Table 6. Global District Heating Market Estimates & Forecasts By Segment 2024–2035
- Table 7. Global District Heating Market Estimates & Forecasts By Segment 2024–2035
- Table 8. U.S. District Heating Market Estimates & Forecasts, 2024–2035
- Table 9. Canada District Heating Market Estimates & Forecasts, 2024–2035
- Table 10. UK District Heating Market Estimates & Forecasts, 2024–2035
- Table 11. Germany District Heating Market Estimates & Forecasts, 2024–2035
- Table 12. France District Heating Market Estimates & Forecasts, 2024–2035
- Table 13. Spain District Heating Market Estimates & Forecasts, 2024–2035
- Table 14. Italy District Heating Market Estimates & Forecasts, 2024–2035
- Table 15. Rest Of Europe District Heating Market Estimates & Forecasts, 2024–2035
- Table 16. China District Heating Market Estimates & Forecasts, 2024–2035
- Table 17. India District Heating Market Estimates & Forecasts, 2024–2035
- Table 18. Japan District Heating Market Estimates & Forecasts, 2024–2035
- Table 19. Australia District Heating Market Estimates & Forecasts, 2024–2035
- Table 20. South Korea District Heating Market Estimates & Forecasts, 2024–2035
-

List Of Figures

LIST OF FIGURES

- Fig 1. Global District Heating Market, Research Methodology
 - Fig 2. Global District Heating Market, Market Estimation Techniques
 - Fig 3. Global Market Size Estimates & Forecast Methods
 - Fig 4. Global District Heating Market, Key Trends 2025
 - Fig 5. Global District Heating Market, Growth Prospects 2024–2035
 - Fig 6. Global District Heating Market, Porter's Five Forces Model
 - Fig 7. Global District Heating Market, Pestel Analysis
 - Fig 8. Global District Heating Market, Value Chain Analysis
 - Fig 9. District Heating Market By Application, 2025 & 2035
 - Fig 10. District Heating Market By Segment, 2025 & 2035
 - Fig 11. District Heating Market By Segment, 2025 & 2035
 - Fig 12. District Heating Market By Segment, 2025 & 2035
 - Fig 13. District Heating Market By Segment, 2025 & 2035
 - Fig 14. North America District Heating Market, 2025 & 2035
 - Fig 15. Europe District Heating Market, 2025 & 2035
 - Fig 16. Asia Pacific District Heating Market, 2025 & 2035
 - Fig 17. Latin America District Heating Market, 2025 & 2035
 - Fig 18. Middle East & Africa District Heating Market, 2025 & 2035
 - Fig 19. Global District Heating Market, Company Market Share Analysis (2025)
-

I would like to order

Product name: Global Chromium Oxide Market Size study & Forecast, by Type (Pigment Grade, Metallurgical Grade) by Application (Pigments and Colorants, Metallurgy) and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/G363F5BEEC09EN.html>

Price: US\$ 3,750.00 (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/G363F5BEEC09EN.html>