

Ilmenite Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Titanium Dioxide (TiO₂), Titanium Metal, Welding Rods & Wires, Others), By Region and Competition, 2020-2030F

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Report description:

Market Overview

The Global Ilmenite Market was valued at USD 5548.16 million in 2024 and is projected to reach USD 7588.21 million by 2030, growing at a CAGR of 4.12% during the forecast period. Rising consumption of titanium dioxide (TiO₂) pigments, widely used for their high opacity, brightness, and UV resistance in construction, automotive, and packaging industries, is a major driver of market growth. Rapid urbanization and infrastructure development, especially in emerging economies across Asia-Pacific, the Middle East, and Latin America, are further boosting demand for coatings and paints, strengthening the market for ilmenite-derived TiO₂. Additionally, ilmenite's use as a key feedstock for titanium metal production is gaining traction in aerospace and medical industries due to titanium's strength, corrosion resistance, and biocompatibility. However, environmental concerns, regulatory pressures, geopolitical uncertainties, raw material price volatility, and supply chain disruptions present challenges to market stability.

Key Market Drivers

Growth in Plastic Industry

The global plastics industry, valued at USD 712 billion in 2023, is witnessing strong growth driven by rising demand across diverse end-use sectors. Titanium dioxide is a critical component in plastics, enhancing properties like opacity, whiteness, UV resistance, and durability. Applications span across packaging, automotive components, construction products, and consumer goods, with manufacturers increasingly emphasizing quality and performance. This surging demand for high-grade TiO₂ has intensified the need for ilmenite as a fundamental feedstock. In the automotive sector, lightweight plastic components incorporating TiO₂ are replacing metal parts to improve fuel efficiency, while in construction, PVC products rely on titanium dioxide for enhanced

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aesthetics and weather resistance. As these industries expand, their dependence on ilmenite for TiO₂ production continues to grow, reinforcing ilmenite's critical role in the global supply chain.

Key Market Challenges

Volatility in Raw Material Prices

The global ilmenite market faces significant challenges due to the volatility of raw material prices. As a naturally occurring mineral, ilmenite is susceptible to supply disruptions stemming from geopolitical events, regulatory actions, and environmental factors. Export restrictions, mining bans, and adverse weather conditions can all contribute to sudden supply shortages, leading to sharp price increases. Such fluctuations place pressure on titanium dioxide and titanium metal producers, particularly those operating under fixed contracts or tight margins. As production costs rise, manufacturers are often forced to either absorb the additional expenses, impacting profitability, or transfer costs to end-users, potentially affecting demand across key industries like construction, automotive, and packaging.

Key Market Trends

Rising Demand for Titanium Dioxide (TiO₂)

The growing demand for titanium dioxide, known for its superior opacity, brightness, and UV resistance, is a significant trend influencing the ilmenite market. TiO₂ plays a crucial role in paints, coatings, and plastics, enhancing durability and appearance across a range of applications. Its extensive use in architectural, automotive, and industrial coatings, along with the rise in global construction and automotive industries, is driving the need for stable TiO₂ supply. Leading processors like Chemours, Venator, Kronos, and Tronox dominate TiO₂ pigment production, while major end-users such as Akzo Nobel, PPG Industries, Sherwin Williams, BASF, Kansai Paints, and Valspar rely heavily on titanium dioxide for high-performance finishes. This growing demand is strengthening the upstream market for ilmenite as a key raw material.

Key Market Players

- IREL (India) Limited
- The Kerala Minerals & Metals Limited
- V.V. Mineral
- Trimex Sands Pvt Ltd
- Iluka Resources Limited
- Sichuan Anning Iron and Titanium Co., Ltd.
- Doral Mineral Sands Pty Ltd
- Australian Ilmenite Resources
- Strandline Resources Limited
- United Mining and Chemical Company (UMCC)

Report Scope

In this report, the Global Ilmenite Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- Ilmenite Market, By Sales Channel:

- o Direct
- o Indirect

- Ilmenite Market, By End Use:

- o Titanium Dioxide (TiO₂)
- o Titanium Metal
- o Welding Rods & Wires
- o Others

- Ilmenite Market, By Region:

- o North America
 - ? United States
 - ? Canada
 - ? Mexico

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- o Europe
 - ? France
 - ? United Kingdom
 - ? Italy
 - ? Germany
 - ? Spain
- o Asia Pacific
 - ? China
 - ? India
 - ? Japan
 - ? Australia
 - ? South Korea
- o South America
 - ? Brazil
 - ? Argentina
 - ? Colombia
- o Middle East & Africa
 - ? South Africa
 - ? Saudi Arabia
 - ? UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Ilmenite Market.

Available Customizations

Global Ilmenite Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations

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- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends
- 4. Impact of COVID-19 on Global Ilmenite Market
- 5. Global Ilmenite Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Sales Channel (Direct, Indirect)
 - 5.2.2. By End Use (Titanium Dioxide (TiO₂), Titanium Metal, Welding Rods & Wires, Others)
 - 5.2.3. By Region
 - 5.2.4. By Company (2024)
 - 5.3. Market Map
- 6. North America Ilmenite Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Sales Channel
 - 6.2.2. By End Use
 - 6.2.3. By Country
 - 6.3. North America: Country Analysis
 - 6.3.1. United States Ilmenite Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Sales Channel
 - 6.3.1.2.2. By End Use
 - 6.3.2. Mexico Ilmenite Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Sales Channel
 - 6.3.2.2.2. By End Use
 - 6.3.3. Canada Ilmenite Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Sales Channel
 - 6.3.3.2.2. By End Use
- 7. Europe Ilmenite Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Sales Channel
 - 7.2.2. By End Use
 - 7.2.3. By Country
 - 7.3. Europe: Country Analysis

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- 7.3.1. France Ilmenite Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Sales Channel
 - 7.3.1.2.2. By End Use
- 7.3.2. Germany Ilmenite Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Sales Channel
 - 7.3.2.2.2. By End Use
- 7.3.3. United Kingdom Ilmenite Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Sales Channel
 - 7.3.3.2.2. By End Use
- 7.3.4. Italy Ilmenite Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Sales Channel
 - 7.3.4.2.2. By End Use
- 7.3.5. Spain Ilmenite Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Sales Channel
 - 7.3.5.2.2. By End Use
- 8. Asia Pacific Ilmenite Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value
 - 8.2. Market Share & Forecast
 - 8.2.1. By Sales Channel
 - 8.2.2. By End Use
 - 8.2.3. By Country
 - 8.3. Asia Pacific: Country Analysis
 - 8.3.1. China Ilmenite Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Sales Channel
 - 8.3.1.2.2. By End Use
 - 8.3.2. India Ilmenite Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value

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- 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Sales Channel
 - 8.3.2.2.2. By End Use
- 8.3.3. South Korea Ilmenite Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Sales Channel
 - 8.3.3.2.2. By End Use
- 8.3.4. Japan Ilmenite Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Sales Channel
 - 8.3.4.2.2. By End Use
- 8.3.5. Australia Ilmenite Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Sales Channel
 - 8.3.5.2.2. By End Use
- 9. South America Ilmenite Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast
 - 9.2.1. By Sales Channel
 - 9.2.2. By End Use
 - 9.2.3. By Country
 - 9.3. South America: Country Analysis
 - 9.3.1. Brazil Ilmenite Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Sales Channel
 - 9.3.1.2.2. By End Use
 - 9.3.2. Argentina Ilmenite Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Sales Channel
 - 9.3.2.2.2. By End Use
 - 9.3.3. Colombia Ilmenite Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Sales Channel
 - 9.3.3.2.2. By End Use

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10. Middle East and Africa Ilmenite Market Outlook

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Sales Channel
 - 10.2.2. By End Use
 - 10.2.3. By Country
- 10.3. MEA: Country Analysis
 - 10.3.1. South Africa Ilmenite Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.1.2. Market Share & Forecast
 - 10.3.1.1.2.1. By Sales Channel
 - 10.3.1.1.2.2. By End Use
 - 10.3.1.2. Saudi Arabia Ilmenite Market Outlook
 - 10.3.1.2.1. Market Size & Forecast
 - 10.3.1.2.1.1. By Value
 - 10.3.1.2.1.2. Market Share & Forecast
 - 10.3.1.2.1.2.1. By Sales Channel
 - 10.3.1.2.1.2.2. By End Use
 - 10.3.1.2.2. UAE Ilmenite Market Outlook
 - 10.3.1.2.2.1. Market Size & Forecast
 - 10.3.1.2.2.1.1. By Value
 - 10.3.1.2.2.1.2. Market Share & Forecast
 - 10.3.1.2.2.1.2.1. By Sales Channel
 - 10.3.1.2.2.1.2.2. By End Use

11. Market Dynamics

- 11.1. Drivers
- 11.2. Challenges

12. Market Trends & Developments

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. Global Ilmenite Market: SWOT Analysis

14. Porters Five Forces Analysis

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. Competitive Landscape

- 15.1. IREL (India) Limited
 - 15.1.1. Business Overview
 - 15.1.2. Company Snapshot
 - 15.1.3. Products & Services
 - 15.1.4. Financials (As Reported)
 - 15.1.5. Recent Developments

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- 15.1.6. Key Personnel Details
- 15.1.7. SWOT Analysis
- 15.2. The Kerala Minerals & Metals Limited
- 15.3. V.V. Mineral
- 15.4. Trimex Sands Pvt Ltd
- 15.5. Iluka Resources Limited
- 15.6. Sichuan Anning Iron and Titanium Co., Ltd.
- 15.7. Doral Mineral Sands Pty Ltd
- 15.8. Australian Ilmenite Resources
- 15.9. Strandline Resources Limited
- 15.10. United Mining and Chemical Company (UMCC)
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

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