

Global Aluminum Rolled Products Market Size Study, by Grade (1xxx, 3xxx, 5xxx, 6xxx), End Use Industry (Automotive & Transportation, Building & Construction, Packaging, Consumer Durables, Others), and Regional Forecasts 2022-2032

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Abstracts

The global Aluminum Rolled Products market, valued at approximately USD 54.91 billion in 2023, is poised to expand at a compelling compound annual growth rate (CAGR) of 6.70% during the forecast period 2024-2032. Aluminum rolled products, encompassing sheets, plates, and foils, play a vital role across industries due to their versatility, lightweight nature, and high strength-to-weight ratio. The market is propelled by their application in automotive, construction, and packaging industries, driven by the demand for eco-friendly and sustainable materials.

The growing adoption of aluminum in automotive applications, particularly electric vehicles, is significantly driving the market. Aluminum's ability to reduce weight while maintaining structural integrity contributes to energy efficiency, aligning with global sustainability goals. Additionally, the construction industry's increasing reliance on aluminum for durable and corrosion-resistant structures is enhancing its demand. Packaging, another key end-use sector, leverages aluminum for its recyclability and superior barrier properties. Despite these growth drivers, the market faces challenges such as fluctuating aluminum prices and environmental concerns associated with bauxite mining. However, innovations in recycling technologies and the development of advanced aluminum alloys are creating promising opportunities for market players.

From a regional perspective, North America and Europe are major markets due to their robust automotive and construction industries, coupled with stringent regulations promoting the use of sustainable materials. Asia Pacific is anticipated to exhibit the

highest growth, supported by rapid industrialization, urbanization, and expanding manufacturing sectors in countries such as China and India. Latin America and the Middle East & Africa are also showing promising growth potential, driven by increased infrastructure investments and industrial activities.

Major market players included in this report are:

Hindalco Industries Ltd.

Norsk Hydro ASA

Novelis Inc.

Alcoa Corporation

Constellium SE

Kaiser Aluminum Corporation

UACJ Corporation

Aleris International, Inc.

Amcor plc

JW Aluminum Company

Grønges AB

China Hongqiao Group Limited

Rusal

Arconic Corporation

Rio Tinto

The detailed segments and sub-segment of the market are explained below:

By Grade

1xxx

3xxx

5xxx

6xxx

By End Use Industry

Automotive & Transportation

Building & Construction

Packaging

Consumer Durables

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Comprehensive market estimates and forecasts spanning 2022 to 2032.

Granular regional and segmental analyses for informed decision-making.

Insights into demand drivers, market challenges, and emerging opportunities.

Strategic profiling of major players and their key initiatives.

Exploration of innovations and future trends shaping the aluminum rolled products market.

Contents

CHAPTER 1. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET EXECUTIVE SUMMARY

- 1.1. Global Aluminum Rolled Products Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Grade
 - 1.3.1.1. 1xxx
 - 1.3.1.2. 3xxx
 - 1.3.1.3. 5xxx
 - 1.3.1.4. 6xxx
 - 1.3.2. By End Use Industry
 - 1.3.2.1. Automotive & Transportation
 - 1.3.2.2. Building & Construction
 - 1.3.2.3. Packaging
 - 1.3.2.4. Consumer Durables
 - 1.3.2.5. Others
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks

- 2.3.4.2. Technological Advancements
- 2.3.4.3. Environmental Considerations
- 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Increasing Adoption in Automotive & Transportation
 - 3.1.2. Growth in Building & Construction Sector
 - 3.1.3. Rising Demand for Sustainable Packaging Solutions
- 3.2. Market Challenges
 - 3.2.1. Fluctuating Aluminum Prices
 - 3.2.2. Environmental Concerns Related to Bauxite Mining
- 3.3. Market Opportunities
 - 3.3.1. Innovations in Recycling Technologies
 - 3.3.2. Development of Advanced Aluminum Alloys
 - 3.3.3. Expansion in Emerging Markets

CHAPTER 4. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal

- 4.3. Top Investment Opportunities
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET SIZE & FORECASTS BY GRADE 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Aluminum Rolled Products Market: Grade Revenue Trend Analysis, 2022 & 2032 (USD Billion)
 - 5.2.1. 1xxx
 - 5.2.2. 3xxx
 - 5.2.3. 5xxx
 - 5.2.4. 6xxx

CHAPTER 6. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET SIZE & FORECASTS BY END USE INDUSTRY 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Aluminum Rolled Products Market: End Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Billion)
 - 6.2.1. Automotive & Transportation
 - 6.2.2. Building & Construction
 - 6.2.3. Packaging
 - 6.2.4. Consumer Durables
 - 6.2.5. Others

CHAPTER 7. GLOBAL ALUMINUM ROLLED PRODUCTS MARKET SIZE & FORECASTS BY REGION 2022-2032

- 7.1. North America Aluminum Rolled Products Market
 - 7.1.1. U.S. Aluminum Rolled Products Market
 - 7.1.1.1. Grade Breakdown Size & Forecasts, 2022-2032
 - 7.1.1.2. Metal Breakdown Size & Forecasts, 2022-2032
 - 7.1.1.3. End Use Industry Breakdown Size & Forecasts, 2022-2032
 - 7.1.2. Canada Aluminum Rolled Products Market
 - 7.1.2.1. Grade Breakdown Size & Forecasts, 2022-2032

- 7.1.2.2. Metal Breakdown Size & Forecasts, 2022-2032
- 7.1.2.3. End Use Industry Breakdown Size & Forecasts, 2022-2032
- 7.2. Europe Aluminum Rolled Products Market
 - 7.2.1. UK Aluminum Rolled Products Market
 - 7.2.2. Germany Aluminum Rolled Products Market
 - 7.2.3. France Aluminum Rolled Products Market
 - 7.2.4. Spain Aluminum Rolled Products Market
 - 7.2.5. Italy Aluminum Rolled Products Market
 - 7.2.6. Rest of Europe Aluminum Rolled Products Market
- 7.3. Asia-Pacific Aluminum Rolled Products Market
 - 7.3.1. China Aluminum Rolled Products Market
 - 7.3.2. India Aluminum Rolled Products Market
 - 7.3.3. Japan Aluminum Rolled Products Market
 - 7.3.4. Australia Aluminum Rolled Products Market
 - 7.3.5. South Korea Aluminum Rolled Products Market
 - 7.3.6. Rest of Asia Pacific Aluminum Rolled Products Market
- 7.4. Latin America Aluminum Rolled Products Market
 - 7.4.1. Brazil Aluminum Rolled Products Market
 - 7.4.2. Mexico Aluminum Rolled Products Market
 - 7.4.3. Rest of Latin America Aluminum Rolled Products Market
- 7.5. Middle East & Africa Aluminum Rolled Products Market
 - 7.5.1. Saudi Arabia Aluminum Rolled Products Market
 - 7.5.2. South Africa Aluminum Rolled Products Market
 - 7.5.3. Rest of Middle East & Africa Aluminum Rolled Products Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Hindalco Industries Ltd.
 - 8.1.2. Norsk Hydro ASA
 - 8.1.3. Novelis Inc.
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Hindalco Industries Ltd.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies

- 8.3.2. Norsk Hydro ASA
- 8.3.3. Novelis Inc.
- 8.3.4. Alcoa Corporation
- 8.3.5. Constellium SE
- 8.3.6. Kaiser Aluminum Corporation
- 8.3.7. UACJ Corporation
- 8.3.8. Aleris International, Inc.
- 8.3.9. Amcor plc
- 8.3.10. JW Aluminum Company

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Aluminum Rolled Products Market, Report Scope

TABLE 2. Global Aluminum Rolled Products Market Estimates & Forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Aluminum Rolled Products Market Estimates & Forecasts by Grade 2022-2032 (USD Billion)

TABLE 4. Global Aluminum Rolled Products Market Estimates & Forecasts by End Use Industry 2022-2032 (USD Billion)

TABLE 5. Global Aluminum Rolled Products Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 6. Global Aluminum Rolled Products Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Aluminum Rolled Products Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Aluminum Rolled Products Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Aluminum Rolled Products Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Aluminum Rolled Products Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Aluminum Rolled Products Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Aluminum Rolled Products Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Aluminum Rolled Products Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Aluminum Rolled Products Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Aluminum Rolled Products Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Aluminum Rolled Products Market Estimates & Forecasts by Grade 2022-2032 (USD Billion)

TABLE 17. U.S. Aluminum Rolled Products Market Estimates & Forecasts by End Use Industry 2022-2032 (USD Billion)

TABLE 18. Canada Aluminum Rolled Products Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Aluminum Rolled Products Market Estimates & Forecasts by Grade 2022-2032 (USD Billion)

TABLE 20. Canada Aluminum Rolled Products Market Estimates & Forecasts by End Use Industry 2022-2032 (USD Billion)

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This list is not complete; final report does contain more than 100 tables. The list may be updated in the final deliverable.

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