

Global Zirconia Coatings Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD0EA9678D90EN.html>

Date: September 2026

Pages: 102

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

ID: GD0EA9678D90EN

Abstracts

The global Zirconia Coatings market size is expected to reach \$ 6713 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

Zirconia-based ceramic coatings are functional coatings based on zirconium oxide, yttria-stabilized zirconia, rare-earth-stabilized zirconia, gadolinium zirconate or zirconia-based composite ceramics. They are deposited on metallic, ceramic or composite substrates through thermal spray, air plasma spray, EB-PVD, suspension plasma spray, PVD, sol-gel, slurry coating or other surface-engineering processes to provide thermal insulation, high-temperature protection, wear resistance, corrosion resistance, oxidation resistance, electrical insulation and extended component life.

Zirconia-based ceramic coatings are one of the most mature and commercially important categories of high-temperature functional coatings. Their core value lies in thermal insulation, high-temperature durability, oxidation resistance, hot-corrosion protection, wear resistance and component life extension. The most important commercial application is thermal barrier coating for aerospace engines and industrial gas turbines, where yttria-stabilized zirconia is used as a low-thermal-conductivity ceramic topcoat to reduce the operating temperature of metallic hot-section components.

The market is strongly driven by aerospace engine production, engine MRO, industrial gas turbine efficiency improvement, high-temperature industrial equipment, automotive and motorsport heat management, semiconductor equipment protection and advanced energy devices. In aircraft engines and gas turbines, zirconia-based coatings are applied to turbine blades, vanes, combustor liners, transition pieces, shrouds and other hot-section parts. In industrial and automotive applications, they are used for exhaust

systems, turbochargers, pumps, valves, rollers and process equipment where heat shielding, wear resistance or corrosion protection is required.

Yttria-stabilized zirconia remains the dominant material system, especially 6–8 wt% YSZ for conventional thermal barrier coatings. However, higher-temperature applications are pushing the industry toward multilayer structures, rare-earth zirconates, gadolinium zirconate, graded coatings and advanced ceramic composite systems. Air plasma spray remains the largest deposition route because it is cost-effective and suitable for thick porous ceramic coatings, while EB-PVD is used for high-end aerospace components that require columnar microstructures and improved strain tolerance. Suspension plasma spray, sol-gel, PVD, ALD and hybrid coating routes are gaining attention in advanced and specialized applications.

The competitive landscape includes both coating material suppliers and coating service providers. Oerlikon Metco, Linde Advanced Material Technologies, Saint-Gobain Coating Solutions, Treibacher and H?gan?s are important suppliers of zirconia-based thermal spray powders, YSZ materials, EB-PVD coating materials and advanced ceramic coating feedstocks. Bodycote, Chromalloy, Honeywell Aerospace, Curtiss-Wright Surface Technologies, Zircotec, A&A Coatings, APS Materials and Precision Coatings are more closely associated with applied coating services, thermal spray processing, aerospace engine repair, industrial gas turbine components and heat-management coatings. Ordinary zirconia powder producers, dental zirconia suppliers, automotive cosmetic ceramic coating brands and coating equipment companies should not be treated as core zirconia coating manufacturers unless they directly supply coating-grade materials or applied coating services.

Technology competition is shaped by powder purity, particle-size distribution, phase stability, coating porosity, bond-coat compatibility, thermal cycling life, adhesion strength, CMAS resistance, sintering resistance, coating thickness control and process repeatability. In aerospace and gas turbine applications, qualification history and validated lifetime data are often more important than material price. In industrial and automotive applications, cost, turnaround time, thermal performance, surface finish and repeatable coating quality are more important purchasing factors.

Looking ahead, zirconia-based coatings are expected to grow steadily as aircraft engine deliveries recover, engine MRO demand increases, gas turbines operate at higher firing temperatures, hydrogen and low-carbon combustion systems evolve, and industrial users seek better heat and corrosion protection. YSZ will remain the mainstream material in the near term, but next-generation rare-earth zirconate coatings, multilayer

thermal barrier systems, suspension plasma spray coatings, EB-PVD structures and coatings designed for CMAS-resistant and ultra-high-temperature environments will become more important in high-end applications. The long-term winners will be suppliers that combine certified coating processes, advanced ceramic materials, global coating service networks, strong quality control and close relationships with aerospace, energy and industrial OEM customers.

Report Scope

This report studies the global Zirconia Coatings production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Zirconia Coatings 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 Zirconia Coatings that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Zirconia Coatings total production and demand, 2021-2032, (kg)

Global Zirconia Coatings total production value, 2021-2032, (USD Million)

Global Zirconia Coatings production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (kg), (based on production site)

Global Zirconia Coatings consumption by region & country, CAGR, 2021-2032 & (kg)

U.S. VS China: Zirconia Coatings domestic production, consumption, key domestic manufacturers and share

Global Zirconia Coatings production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (kg)

Global Zirconia Coatings production by Material System, production, value, CAGR, 2021-2032, (USD Million) & (kg)

Global Zirconia Coatings production by Application, production, value, CAGR, 2021-2032, (USD Million) & (kg)

This report profiles key players in the global Zirconia Coatings 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 Oerlikon Metco, Linde Advanced Material Technologies, Saint-Gobain Coating Solutions, Bodycote Surface Technology, Chromalloy, Honeywell Aerospace, Curtiss-Wright Surface Technologies, Treibacher Industrie AG, H?gan?s, Zircotec, 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 Zirconia Coatings market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (kg) and average price (US\$/kg) by manufacturer, by Material System, 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 Zirconia Coatings Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Zirconia Coatings Market, Segmentation by Material System:

6–8 wt% YSZ Coatings

High-yttria YSZ Coatings

MgO / CaO / CeO₂-stabilized Zirconia Coatings

Rare-earth Zirconate Coatings

Alumina-zirconia Composite Coatings

Global Zirconia Coatings Market, Segmentation by Deposition Technology:

Air Plasma Spray

EB-PVD

Suspension / Solution Precursor Plasma Spray

HVOF / Flame Spray / Other Thermal Spray

PVD / Sputtering / ALD Thin-film Processes

Slurry / Sol-gel / Dip Coating

Global Zirconia Coatings Market, Segmentation by Operating Temperature Range:

Below 400°C Service Coatings

400–800°C Service Coatings

800–1,000°C Service Coatings

1,000–1,200°C Service Coatings

1,200–1,350°C Service Coatings

Above 1,350°C Advanced Coatings

Global Zirconia Coatings Market, Segmentation by Application:

Aerospace Engine Hot-section Components

Industrial Gas Turbines

Automotive and Motorsport Heat Management

Industrial Machinery and Chemical Equipment

Energy Devices and Fuel-cell-related Components

Semiconductor and Electronics Equipment

Biomedical and Medical Surface Coatings

Companies Profiled:

Oerlikon Metco

Linde Advanced Material Technologies

Saint-Gobain Coating Solutions

Bodycote Surface Technology

Chromalloy

Honeywell Aerospace

Curtiss-Wright Surface Technologies

Treibacher Industrie AG

Höganäs

Zircotec

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World Zirconia Coatings Demand (2021-2032)
- 2.2 World Zirconia Coatings Consumption by Region
 - 2.2.1 World Zirconia Coatings Consumption by Region (2021-2026)
 - 2.2.2 World Zirconia Coatings Consumption Forecast by Region (2027-2032)
- 2.3 United States Zirconia Coatings Consumption (2021-2032)
- 2.4 China Zirconia Coatings Consumption (2021-2032)
- 2.5 Europe Zirconia Coatings Consumption (2021-2032)
- 2.6 Japan Zirconia Coatings Consumption (2021-2032)
- 2.7 South Korea Zirconia Coatings Consumption (2021-2032)
- 2.8 ASEAN Zirconia Coatings Consumption (2021-2032)
- 2.9 India Zirconia Coatings Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Zirconia Coatings Production Value by Manufacturer (2021-2026)
- 3.2 World Zirconia Coatings Production by Manufacturer (2021-2026)
- 3.3 World Zirconia Coatings Average Price by Manufacturer (2021-2026)
- 3.4 Zirconia Coatings Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

- 3.5.1 Global Zirconia Coatings Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Zirconia Coatings in 2025
- 3.5.3 Global Concentration Ratios (CR8) for Zirconia Coatings in 2025

3.6 Zirconia Coatings Market: Overall Company Footprint Analysis

- 3.6.1 Zirconia Coatings Market: Region Footprint
- 3.6.2 Zirconia Coatings Market: Company Product Type Footprint
- 3.6.3 Zirconia Coatings 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: Zirconia Coatings Production Value Comparison

4.1.1 United States VS China: Zirconia Coatings Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Zirconia Coatings Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Zirconia Coatings Production Comparison

4.2.1 United States VS China: Zirconia Coatings Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Zirconia Coatings Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Zirconia Coatings Consumption Comparison

4.3.1 United States VS China: Zirconia Coatings Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Zirconia Coatings Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Zirconia Coatings Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Zirconia Coatings Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Zirconia Coatings Production Value (2021-2026)

4.4.3 United States Based Manufacturers Zirconia Coatings Production (2021-2026)

4.5 China Based Zirconia Coatings Manufacturers and Market Share

4.5.1 China Based Zirconia Coatings Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Zirconia Coatings Production Value (2021-2026)

4.5.3 China Based Manufacturers Zirconia Coatings Production (2021-2026)

4.6 Rest of World Based Zirconia Coatings Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Zirconia Coatings Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Zirconia Coatings Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Zirconia Coatings Production (2021-2026)

5 MARKET ANALYSIS BY MATERIAL SYSTEM

5.1 World Zirconia Coatings Market Size Overview by Material System: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Material System

5.2.1 6–8 wt% YSZ Coatings

5.2.2 High-yttria YSZ Coatings

5.2.3 MgO / CaO / CeO₂-stabilized Zirconia Coatings

5.2.4 Rare-earth Zirconate Coatings

5.2.5 Alumina-zirconia Composite Coatings

5.3 Market Segment by Material System

5.3.1 World Zirconia Coatings Production by Material System (2021-2032)

5.3.2 World Zirconia Coatings Production Value by Material System (2021-2032)

5.3.3 World Zirconia Coatings Average Price by Material System (2021-2032)

6 MARKET ANALYSIS BY DEPOSITION TECHNOLOGY

6.1 World Zirconia Coatings Market Size Overview by Deposition Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Deposition Technology

6.2.1 Air Plasma Spray

6.2.2 EB-PVD

6.2.3 Suspension / Solution Precursor Plasma Spray

6.2.4 HVOF / Flame Spray / Other Thermal Spray

6.2.5 PVD / Sputtering / ALD Thin-film Processes

6.2.6 Slurry / Sol-gel / Dip Coating

6.3 Market Segment by Deposition Technology

6.3.1 World Zirconia Coatings Production by Deposition Technology (2021-2032)

6.3.2 World Zirconia Coatings Production Value by Deposition Technology

(2021-2032)

6.3.3 World Zirconia Coatings Average Price by Deposition Technology (2021-2032)

7 MARKET ANALYSIS BY OPERATING TEMPERATURE RANGE

7.1 World Zirconia Coatings Market Size Overview by Operating Temperature Range: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Operating Temperature Range

7.2.1 Below 400°C Service Coatings

7.2.2 400–800°C Service Coatings

7.2.3 800–1,000°C Service Coatings

7.2.4 1,000–1,200°C Service Coatings

7.2.5 1,200–1,350°C Service Coatings

7.2.6 Above 1,350°C Advanced Coatings

7.3 Market Segment by Operating Temperature Range

7.3.1 World Zirconia Coatings Production by Operating Temperature Range (2021-2032)

7.3.2 World Zirconia Coatings Production Value by Operating Temperature Range (2021-2032)

7.3.3 World Zirconia Coatings Average Price by Operating Temperature Range (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Zirconia Coatings Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Aerospace Engine Hot-section Components

8.2.2 Industrial Gas Turbines

8.2.3 Automotive and Motorsport Heat Management

8.2.4 Industrial Machinery and Chemical Equipment

8.2.5 Energy Devices and Fuel-cell-related Components

8.2.6 Semiconductor and Electronics Equipment

8.2.7 Biomedical and Medical Surface Coatings

8.3 Market Segment by Application

8.3.1 World Zirconia Coatings Production by Application (2021-2032)

8.3.2 World Zirconia Coatings Production Value by Application (2021-2032)

8.3.3 World Zirconia Coatings Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Oerlikon Metco

- 9.1.1 Oerlikon Metco Details
- 9.1.2 Oerlikon Metco Major Business
- 9.1.3 Oerlikon Metco Zirconia Coatings Product and Services
- 9.1.4 Oerlikon Metco Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Oerlikon Metco Recent Developments/Updates
- 9.1.6 Oerlikon Metco Competitive Strengths & Weaknesses
- 9.2 Linde Advanced Material Technologies
 - 9.2.1 Linde Advanced Material Technologies Details
 - 9.2.2 Linde Advanced Material Technologies Major Business
 - 9.2.3 Linde Advanced Material Technologies Zirconia Coatings Product and Services
 - 9.2.4 Linde Advanced Material Technologies Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Linde Advanced Material Technologies Recent Developments/Updates
 - 9.2.6 Linde Advanced Material Technologies Competitive Strengths & Weaknesses
- 9.3 Saint-Gobain Coating Solutions
 - 9.3.1 Saint-Gobain Coating Solutions Details
 - 9.3.2 Saint-Gobain Coating Solutions Major Business
 - 9.3.3 Saint-Gobain Coating Solutions Zirconia Coatings Product and Services
 - 9.3.4 Saint-Gobain Coating Solutions Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Saint-Gobain Coating Solutions Recent Developments/Updates
 - 9.3.6 Saint-Gobain Coating Solutions Competitive Strengths & Weaknesses
- 9.4 Bodycote Surface Technology
 - 9.4.1 Bodycote Surface Technology Details
 - 9.4.2 Bodycote Surface Technology Major Business
 - 9.4.3 Bodycote Surface Technology Zirconia Coatings Product and Services
 - 9.4.4 Bodycote Surface Technology Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Bodycote Surface Technology Recent Developments/Updates
 - 9.4.6 Bodycote Surface Technology Competitive Strengths & Weaknesses
- 9.5 Chromalloy
 - 9.5.1 Chromalloy Details
 - 9.5.2 Chromalloy Major Business
 - 9.5.3 Chromalloy Zirconia Coatings Product and Services
 - 9.5.4 Chromalloy Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Chromalloy Recent Developments/Updates
 - 9.5.6 Chromalloy Competitive Strengths & Weaknesses

9.6 Honeywell Aerospace

9.6.1 Honeywell Aerospace Details

9.6.2 Honeywell Aerospace Major Business

9.6.3 Honeywell Aerospace Zirconia Coatings Product and Services

9.6.4 Honeywell Aerospace Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Honeywell Aerospace Recent Developments/Updates

9.6.6 Honeywell Aerospace Competitive Strengths & Weaknesses

9.7 Curtiss-Wright Surface Technologies

9.7.1 Curtiss-Wright Surface Technologies Details

9.7.2 Curtiss-Wright Surface Technologies Major Business

9.7.3 Curtiss-Wright Surface Technologies Zirconia Coatings Product and Services

9.7.4 Curtiss-Wright Surface Technologies Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Curtiss-Wright Surface Technologies Recent Developments/Updates

9.7.6 Curtiss-Wright Surface Technologies Competitive Strengths & Weaknesses

9.8 Treibacher Industrie AG

9.8.1 Treibacher Industrie AG Details

9.8.2 Treibacher Industrie AG Major Business

9.8.3 Treibacher Industrie AG Zirconia Coatings Product and Services

9.8.4 Treibacher Industrie AG Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Treibacher Industrie AG Recent Developments/Updates

9.8.6 Treibacher Industrie AG Competitive Strengths & Weaknesses

9.9 H?gan?s

9.9.1 H?gan?s Details

9.9.2 H?gan?s Major Business

9.9.3 H?gan?s Zirconia Coatings Product and Services

9.9.4 H?gan?s Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 H?gan?s Recent Developments/Updates

9.9.6 H?gan?s Competitive Strengths & Weaknesses

9.10 Zircotec

9.10.1 Zircotec Details

9.10.2 Zircotec Major Business

9.10.3 Zircotec Zirconia Coatings Product and Services

9.10.4 Zircotec Zirconia Coatings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Zircotec Recent Developments/Updates

9.10.6 Zircotec Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Zirconia Coatings Industry Chain

10.2 Zirconia Coatings Upstream Analysis

10.2.1 Zirconia Coatings Core Raw Materials

10.2.2 Main Manufacturers of Zirconia Coatings Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Zirconia Coatings Production Mode

10.6 Zirconia Coatings Procurement Model

10.7 Zirconia Coatings Industry Sales Model and Sales Channels

10.7.1 Zirconia Coatings Sales Model

10.7.2 Zirconia Coatings 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 Zirconia Coatings Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Zirconia Coatings Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Zirconia Coatings Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Zirconia Coatings Production Value Market Share by Region (2021-2026)
- Table 5. World Zirconia Coatings Production Value Market Share by Region (2027-2032)
- Table 6. World Zirconia Coatings Production by Region (2021-2026) & (kg)
- Table 7. World Zirconia Coatings Production by Region (2027-2032) & (kg)
- Table 8. World Zirconia Coatings Production Market Share by Region (2021-2026)
- Table 9. World Zirconia Coatings Production Market Share by Region (2027-2032)
- Table 10. World Zirconia Coatings Average Price by Region (2021-2026) & (US\$/kg)
- Table 11. World Zirconia Coatings Average Price by Region (2027-2032) & (US\$/kg)
- Table 12. Zirconia Coatings Major Market Trends
- Table 13. World Zirconia Coatings Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (kg)
- Table 14. World Zirconia Coatings Consumption by Region (2021-2026) & (kg)
- Table 15. World Zirconia Coatings Consumption Forecast by Region (2027-2032) & (kg)
- Table 16. World Zirconia Coatings Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Zirconia Coatings Producers in 2025
- Table 18. World Zirconia Coatings Production by Manufacturer (2021-2026) & (kg)
- Table 19. Production Market Share of Key Zirconia Coatings Producers in 2025
- Table 20. World Zirconia Coatings Average Price by Manufacturer (2021-2026) & (US\$/kg)
- Table 21. Global Zirconia Coatings Company Evaluation Quadrant
- Table 22. World Zirconia Coatings Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and Zirconia Coatings Production Site of Key Manufacturer
- Table 24. Zirconia Coatings Market: Company Product Type Footprint
- Table 25. Zirconia Coatings Market: Company Product Application Footprint
- Table 26. Zirconia Coatings Competitive Factors

Table 27. Zirconia Coatings New Entrant and Capacity Expansion Plans

Table 28. Zirconia Coatings Mergers & Acquisitions Activity

Table 29. United States VS China Zirconia Coatings Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Zirconia Coatings Production Comparison, (2021 & 2025 & 2032) & (kg)

Table 31. United States VS China Zirconia Coatings Consumption Comparison, (2021 & 2025 & 2032) & (kg)

Table 32. United States Based Zirconia Coatings Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Zirconia Coatings Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Zirconia Coatings Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Zirconia Coatings Production (2021-2026) & (kg)

Table 36. United States Based Manufacturers Zirconia Coatings Production Market Share (2021-2026)

Table 37. China Based Zirconia Coatings Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Zirconia Coatings Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Zirconia Coatings Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Zirconia Coatings Production, (2021-2026) & (kg)

Table 41. China Based Manufacturers Zirconia Coatings Production Market Share (2021-2026)

Table 42. Rest of World Based Zirconia Coatings Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Zirconia Coatings Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Zirconia Coatings Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Zirconia Coatings Production, (2021-2026) & (kg)

Table 46. Rest of World Based Manufacturers Zirconia Coatings Production Market Share (2021-2026)

Table 47. World Zirconia Coatings Production Value by Material System, (USD Million), 2021 & 2025 & 2032

Table 48. World Zirconia Coatings Production by Material System (2021-2026) & (kg)

Table 49. World Zirconia Coatings Production by Material System (2027-2032) & (kg)

Table 50. World Zirconia Coatings Production Value by Material System (2021-2026) & (USD Million)

Table 51. World Zirconia Coatings Production Value by Material System (2027-2032) & (USD Million)

Table 52. World Zirconia Coatings Average Price by Material System (2021-2026) & (US\$/kg)

Table 53. World Zirconia Coatings Average Price by Material System (2027-2032) & (US\$/kg)

Table 54. World Zirconia Coatings Production Value by Deposition Technology, (USD Million), 2021 & 2025 & 2032

Table 55. World Zirconia Coatings Production by Deposition Technology (2021-2026) & (kg)

Table 56. World Zirconia Coatings Production by Deposition Technology (2027-2032) & (kg)

Table 57. World Zirconia Coatings Production Value by Deposition Technology (2021-2026) & (USD Million)

Table 58. World Zirconia Coatings Production Value by Deposition Technology (2027-2032) & (USD Million)

Table 59. World Zirconia Coatings Average Price by Deposition Technology (2021-2026) & (US\$/kg)

Table 60. World Zirconia Coatings Average Price by Deposition Technology (2027-2032) & (US\$/kg)

Table 61. World Zirconia Coatings Production Value by Operating Temperature Range, (USD Million), 2021 & 2025 & 2032

Table 62. World Zirconia Coatings Production by Operating Temperature Range (2021-2026) & (kg)

Table 63. World Zirconia Coatings Production by Operating Temperature Range (2027-2032) & (kg)

Table 64. World Zirconia Coatings Production Value by Operating Temperature Range (2021-2026) & (USD Million)

Table 65. World Zirconia Coatings Production Value by Operating Temperature Range (2027-2032) & (USD Million)

Table 66. World Zirconia Coatings Average Price by Operating Temperature Range (2021-2026) & (US\$/kg)

Table 67. World Zirconia Coatings Average Price by Operating Temperature Range (2027-2032) & (US\$/kg)

Table 68. World Zirconia Coatings Production Value by Application, (USD Million), 2021

& 2025 & 2032

Table 69. World Zirconia Coatings Production by Application (2021-2026) & (kg)

Table 70. World Zirconia Coatings Production by Application (2027-2032) & (kg)

Table 71. World Zirconia Coatings Production Value by Application (2021-2026) & (USD Million)

Table 72. World Zirconia Coatings Production Value by Application (2027-2032) & (USD Million)

Table 73. World Zirconia Coatings Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World Zirconia Coatings Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Oerlikon Metco Basic Information, Manufacturing Base and Competitors

Table 76. Oerlikon Metco Major Business

Table 77. Oerlikon Metco Zirconia Coatings Product and Services

Table 78. Oerlikon Metco Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Oerlikon Metco Recent Developments/Updates

Table 80. Oerlikon Metco Competitive Strengths & Weaknesses

Table 81. Linde Advanced Material Technologies Basic Information, Manufacturing Base and Competitors

Table 82. Linde Advanced Material Technologies Major Business

Table 83. Linde Advanced Material Technologies Zirconia Coatings Product and Services

Table 84. Linde Advanced Material Technologies Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Linde Advanced Material Technologies Recent Developments/Updates

Table 86. Linde Advanced Material Technologies Competitive Strengths & Weaknesses

Table 87. Saint-Gobain Coating Solutions Basic Information, Manufacturing Base and Competitors

Table 88. Saint-Gobain Coating Solutions Major Business

Table 89. Saint-Gobain Coating Solutions Zirconia Coatings Product and Services

Table 90. Saint-Gobain Coating Solutions Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Saint-Gobain Coating Solutions Recent Developments/Updates

Table 92. Saint-Gobain Coating Solutions Competitive Strengths & Weaknesses

Table 93. Bodycote Surface Technology Basic Information, Manufacturing Base and Competitors

Table 94. Bodycote Surface Technology Major Business

Table 95. Bodycote Surface Technology Zirconia Coatings Product and Services
Table 96. Bodycote Surface Technology Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Bodycote Surface Technology Recent Developments/Updates
Table 98. Bodycote Surface Technology Competitive Strengths & Weaknesses
Table 99. Chromalloy Basic Information, Manufacturing Base and Competitors
Table 100. Chromalloy Major Business
Table 101. Chromalloy Zirconia Coatings Product and Services
Table 102. Chromalloy Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Chromalloy Recent Developments/Updates
Table 104. Chromalloy Competitive Strengths & Weaknesses
Table 105. Honeywell Aerospace Basic Information, Manufacturing Base and Competitors
Table 106. Honeywell Aerospace Major Business
Table 107. Honeywell Aerospace Zirconia Coatings Product and Services
Table 108. Honeywell Aerospace Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Honeywell Aerospace Recent Developments/Updates
Table 110. Honeywell Aerospace Competitive Strengths & Weaknesses
Table 111. Curtiss-Wright Surface Technologies Basic Information, Manufacturing Base and Competitors
Table 112. Curtiss-Wright Surface Technologies Major Business
Table 113. Curtiss-Wright Surface Technologies Zirconia Coatings Product and Services
Table 114. Curtiss-Wright Surface Technologies Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Curtiss-Wright Surface Technologies Recent Developments/Updates
Table 116. Curtiss-Wright Surface Technologies Competitive Strengths & Weaknesses
Table 117. Treibacher Industrie AG Basic Information, Manufacturing Base and Competitors
Table 118. Treibacher Industrie AG Major Business
Table 119. Treibacher Industrie AG Zirconia Coatings Product and Services
Table 120. Treibacher Industrie AG Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Treibacher Industrie AG Recent Developments/Updates
Table 122. Treibacher Industrie AG Competitive Strengths & Weaknesses
Table 123. H?gan?s Basic Information, Manufacturing Base and Competitors

Table 124. H?gan?s Major Business

Table 125. H?gan?s Zirconia Coatings Product and Services

Table 126. H?gan?s Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. H?gan?s Recent Developments/Updates

Table 128. H?gan?s Competitive Strengths & Weaknesses

Table 129. Zircotec Basic Information, Manufacturing Base and Competitors

Table 130. Zircotec Major Business

Table 131. Zircotec Zirconia Coatings Product and Services

Table 132. Zircotec Zirconia Coatings Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Zircotec Recent Developments/Updates

Table 134. Zircotec Competitive Strengths & Weaknesses

Table 135. Global Key Players of Zirconia Coatings Upstream (Raw Materials)

Table 136. Global Zirconia Coatings Typical Customers

Table 137. Zirconia Coatings Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Zirconia Coatings Picture

Figure 2. World Zirconia Coatings Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Zirconia Coatings Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Zirconia Coatings Production (2021-2032) & (kg)

Figure 5. World Zirconia Coatings Average Price (2021-2032) & (US\$/kg)

Figure 6. World Zirconia Coatings Production Value Market Share by Region (2021-2032)

Figure 7. World Zirconia Coatings Production Market Share by Region (2021-2032)

Figure 8. North America Zirconia Coatings Production (2021-2032) & (kg)

Figure 9. Europe Zirconia Coatings Production (2021-2032) & (kg)

Figure 10. China Zirconia Coatings Production (2021-2032) & (kg)

Figure 11. Japan Zirconia Coatings Production (2021-2032) & (kg)

Figure 12. Zirconia Coatings Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 15. World Zirconia Coatings Consumption Market Share by Region (2021-2032)

Figure 16. United States Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 17. China Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 18. Europe Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 19. Japan Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 20. South Korea Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 21. ASEAN Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 22. India Zirconia Coatings Consumption (2021-2032) & (kg)

Figure 23. Producer Shipments of Zirconia Coatings by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Zirconia Coatings Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Zirconia Coatings Markets in 2025

Figure 26. United States VS China: Zirconia Coatings Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Zirconia Coatings Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Zirconia Coatings Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Zirconia Coatings Production Market Share 2025

Figure 30. China Based Manufacturers Zirconia Coatings Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Zirconia Coatings Production Market Share 2025

Figure 32. World Zirconia Coatings Production Value by Material System, (USD Million), 2021 & 2025 & 2032

Figure 33. World Zirconia Coatings Production Value Market Share by Material System in 2025

Figure 34. 6–8 wt% YSZ Coatings

Figure 35. High-yttria YSZ Coatings

Figure 36. MgO / CaO / CeO₂-stabilized Zirconia Coatings

Figure 37. Rare-earth Zirconate Coatings

Figure 38. Alumina-zirconia Composite Coatings

Figure 39. World Zirconia Coatings Production Market Share by Material System (2021-2032)

Figure 40. World Zirconia Coatings Production Value Market Share by Material System (2021-2032)

Figure 41. World Zirconia Coatings Average Price by Material System (2021-2032) & (US\$/kg)

Figure 42. World Zirconia Coatings Production Value by Deposition Technology, (USD Million), 2021 & 2025 & 2032

Figure 43. World Zirconia Coatings Production Value Market Share by Deposition Technology in 2025

Figure 44. Air Plasma Spray

Figure 45. EB-PVD

Figure 46. Suspension / Solution Precursor Plasma Spray

Figure 47. HVOF / Flame Spray / Other Thermal Spray

Figure 48. PVD / Sputtering / ALD Thin-film Processes

Figure 49. Slurry / Sol-gel / Dip Coating

Figure 50. World Zirconia Coatings Production Market Share by Deposition Technology (2021-2032)

Figure 51. World Zirconia Coatings Production Value Market Share by Deposition Technology (2021-2032)

Figure 52. World Zirconia Coatings Average Price by Deposition Technology (2021-2032) & (US\$/kg)

Figure 53. World Zirconia Coatings Production Value by Operating Temperature Range,

(USD Million), 2021 & 2025 & 2032

Figure 54. World Zirconia Coatings Production Value Market Share by Operating Temperature Range in 2025

Figure 55. Below 400°C Service Coatings

Figure 56. 400–800°C Service Coatings

Figure 57. 800–1,000°C Service Coatings

Figure 58. 1,000–1,200°C Service Coatings

Figure 59. 1,200–1,350°C Service Coatings

Figure 60. Above 1,350°C Advanced Coatings

Figure 61. World Zirconia Coatings Production Market Share by Operating Temperature Range (2021-2032)

Figure 62. World Zirconia Coatings Production Value Market Share by Operating Temperature Range (2021-2032)

Figure 63. World Zirconia Coatings Average Price by Operating Temperature Range (2021-2032) & (US\$/kg)

Figure 64. World Zirconia Coatings Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 65. World Zirconia Coatings Production Value Market Share by Application in 2025

Figure 66. Aerospace Engine Hot-section Components

Figure 67. Industrial Gas Turbines

Figure 68. Automotive and Motorsport Heat Management

Figure 69. Industrial Machinery and Chemical Equipment

Figure 70. Energy Devices and Fuel-cell-related Components

Figure 71. Semiconductor and Electronics Equipment

Figure 72. Biomedical and Medical Surface Coatings

Figure 73. World Zirconia Coatings Production Market Share by Application (2021-2032)

Figure 74. World Zirconia Coatings Production Value Market Share by Application (2021-2032)

Figure 75. World Zirconia Coatings Average Price by Application (2021-2032) & (US\$/kg)

Figure 76. Zirconia Coatings Industry Chain

Figure 77. Zirconia Coatings Procurement Model

Figure 78. Zirconia Coatings Sales Model

Figure 79. Zirconia Coatings Sales Channels, Direct Sales, and Distribution

Figure 80. Methodology

Figure 81. Research Process and Data Source

I would like to order

Product name: Global Zirconia Coatings Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD0EA9678D90EN.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/GD0EA9678D90EN.html>