



Yttria-Based Semiconductor Coatings Industry Research Report 2026

Industry	Published	Pages	Format
Chemical & Material	2025-12-21	139	PDF
Single User	Multi User	Enterprise	
USD 2,950	USD 4,430	USD 5,900	

Description

The global Yttria-Based Semiconductor Coatings market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Yttria-Based Semiconductor Coatings is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Yttria-Based Semiconductor Coatings is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Yttria-Based Semiconductor Coatings is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Yttria-Based Semiconductor Coatings include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Yttria-Based Semiconductor Coatings market in revenue (US\$ million) and, where applicable, sales volume (Tons), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/Tons) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Yttria-Based Semiconductor Coatings.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Yttria-Based Semiconductor Coatings Market by Company

FUJIMI INCORPORATED

Entegris

Hansol IONES

SEWON HARDFACING CO.,LTD

Saint-Gobain
Oerlikon Balzers
APS Materials, Inc.
NGK (NTK CERATE)
Hansol IONES
FEMVIX CORP.
CINOS
Yeedex
YMC Co., Ltd.
Treibacher Industrie AG
Nano Research Elements
Coorstek
Shin-Etsu Rare Earths

Yttria-Based Semiconductor Coatings Segment by Type

Agglomerated
Agglomerated and Sintered

Yttria-Based Semiconductor Coatings Segment by Application

Plasma Etch Equipment
CVD Equipment
ESC (Electrostatic Chuck)
Others

Yttria-Based Semiconductor Coatings Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America

Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Yttria-Based Semiconductor Coatings market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Yttria-Based Semiconductor Coatings and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Yttria-Based Semiconductor Coatings.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Yttria-Based Semiconductor Coatings manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Yttria-Based Semiconductor Coatings by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Yttria-Based Semiconductor Coatings in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Yttria-Based Semiconductor Coatings by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Agglomerated
 - 2.2.3 Agglomerated and Sintered
- 2.3 Yttria-Based Semiconductor Coatings by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Plasma Etch Equipment
 - 2.3.3 CVD Equipment
 - 2.3.4 ESC (Electrostatic Chuck)
 - 2.3.5 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Yttria-Based Semiconductor Coatings Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Yttria-Based Semiconductor Coatings Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Yttria-Based Semiconductor Coatings Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Yttria-Based Semiconductor Coatings Production by Manufacturers (2021-2026)
- 3.2 Global Yttria-Based Semiconductor Coatings Production Value by Manufacturers (2021-2026)
- 3.3 Global Yttria-Based Semiconductor Coatings Average Price by Manufacturers (2021-2026)
- 3.4 Global Yttria-Based Semiconductor Coatings Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Yttria-Based Semiconductor Coatings Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Yttria-Based Semiconductor Coatings Manufacturers, Product Type & Application
- 3.7 Global Yttria-Based Semiconductor Coatings Manufacturers Established Date
- 3.8 Global Yttria-Based Semiconductor Coatings Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 FUJIMI INCORPORATED
 - 4.1.1 FUJIMI INCORPORATED Yttria-Based Semiconductor Coatings Company Information
 - 4.1.2 FUJIMI INCORPORATED Yttria-Based Semiconductor Coatings Business Overview
 - 4.1.3 FUJIMI INCORPORATED Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)
 - 4.1.4 FUJIMI INCORPORATED Product Portfolio
 - 4.1.5 FUJIMI INCORPORATED Recent Developments

4.2 Entegris

4.2.1 Entegris Yttria-Based Semiconductor Coatings Company Information

4.2.2 Entegris Yttria-Based Semiconductor Coatings Business Overview

4.2.3 Entegris Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.2.4 Entegris Product Portfolio

4.2.5 Entegris Recent Developments

4.3 Hansol IONES

4.3.1 Hansol IONES Yttria-Based Semiconductor Coatings Company Information

4.3.2 Hansol IONES Yttria-Based Semiconductor Coatings Business Overview

4.3.3 Hansol IONES Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.3.4 Hansol IONES Product Portfolio

4.3.5 Hansol IONES Recent Developments

4.4 SEWON HARDFACING CO.,LTD

4.4.1 SEWON HARDFACING CO.,LTD Yttria-Based Semiconductor Coatings Company Information

4.4.2 SEWON HARDFACING CO.,LTD Yttria-Based Semiconductor Coatings Business Overview

4.4.3 SEWON HARDFACING CO.,LTD Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.4.4 SEWON HARDFACING CO.,LTD Product Portfolio

4.4.5 SEWON HARDFACING CO.,LTD Recent Developments

4.5 Saint-Gobain

4.5.1 Saint-Gobain Yttria-Based Semiconductor Coatings Company Information

4.5.2 Saint-Gobain Yttria-Based Semiconductor Coatings Business Overview

4.5.3 Saint-Gobain Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.5.4 Saint-Gobain Product Portfolio

4.5.5 Saint-Gobain Recent Developments

4.6 Oerlikon Balzers

4.6.1 Oerlikon Balzers Yttria-Based Semiconductor Coatings Company Information

4.6.2 Oerlikon Balzers Yttria-Based Semiconductor Coatings Business Overview

4.6.3 Oerlikon Balzers Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.6.4 Oerlikon Balzers Product Portfolio

4.6.5 Oerlikon Balzers Recent Developments

4.7 APS Materials, Inc.

4.7.1 APS Materials, Inc. Yttria-Based Semiconductor Coatings Company Information

4.7.2 APS Materials, Inc. Yttria-Based Semiconductor Coatings Business Overview

4.7.3 APS Materials, Inc. Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.7.4 APS Materials, Inc. Product Portfolio

4.7.5 APS Materials, Inc. Recent Developments

4.8 NGK (NTK CERATE)

4.8.1 NGK (NTK CERATE) Yttria-Based Semiconductor Coatings Company Information

4.8.2 NGK (NTK CERATE) Yttria-Based Semiconductor Coatings Business Overview

4.8.3 NGK (NTK CERATE) Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.8.4 NGK (NTK CERATE) Product Portfolio

4.8.5 NGK (NTK CERATE) Recent Developments

4.9 Hansol IONES

4.9.1 Hansol IONES Yttria-Based Semiconductor Coatings Company Information

4.9.2 Hansol IONES Yttria-Based Semiconductor Coatings Business Overview

4.9.3 Hansol IONES Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.9.4 Hansol IONES Product Portfolio

4.9.5 Hansol IONES Recent Developments

4.10 FEMVIX CORP.

4.10.1 FEMVIX CORP. Yttria-Based Semiconductor Coatings Company Information

4.10.2 FEMVIX CORP. Yttria-Based Semiconductor Coatings Business Overview

4.10.3 FEMVIX CORP. Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.10.4 FEMVIX CORP. Product Portfolio

4.10.5 FEMVIX CORP. Recent Developments

4.11 CINOS

4.11.1 CINOS Yttria-Based Semiconductor Coatings Company Information

4.11.2 CINOS Yttria-Based Semiconductor Coatings Business Overview

4.11.3 CINOS Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.11.4 CINOS Product Portfolio

4.11.5 CINOS Recent Developments

4.12 Yeedex

4.12.1 Yeedex Yttria-Based Semiconductor Coatings Company Information

4.12.2 Yeedex Yttria-Based Semiconductor Coatings Business Overview

4.12.3 Yeedex Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.12.4 Yeedex Product Portfolio

4.12.5 Yeedex Recent Developments

4.13 YMC Co., Ltd.

4.13.1 YMC Co., Ltd. Yttria-Based Semiconductor Coatings Company Information

4.13.2 YMC Co., Ltd. Yttria-Based Semiconductor Coatings Business Overview

4.13.3 YMC Co., Ltd. Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.13.4 YMC Co., Ltd. Product Portfolio

4.13.5 YMC Co., Ltd. Recent Developments

4.14 Treibacher Industrie AG

4.14.1 Treibacher Industrie AG Yttria-Based Semiconductor Coatings Company Information

4.14.2 Treibacher Industrie AG Yttria-Based Semiconductor Coatings Business Overview

4.14.3 Treibacher Industrie AG Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.14.4 Treibacher Industrie AG Product Portfolio

4.14.5 Treibacher Industrie AG Recent Developments

4.15 Nano Research Elements

4.15.1 Nano Research Elements Yttria-Based Semiconductor Coatings Company Information

4.15.2 Nano Research Elements Yttria-Based Semiconductor Coatings Business Overview

4.15.3 Nano Research Elements Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.15.4 Nano Research Elements Product Portfolio

4.15.5 Nano Research Elements Recent Developments

4.16 Coorstek

4.16.1 Coorstek Yttria-Based Semiconductor Coatings Company Information

4.16.2 Coorstek Yttria-Based Semiconductor Coatings Business Overview

4.16.3 Coorstek Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)

4.16.4 Coorstek Product Portfolio

4.16.5 Coorstek Recent Developments

4.17 Shin-Etsu Rare Earths

4.17.1 Shin-Etsu Rare Earths Yttria-Based Semiconductor Coatings Company Information

4.17.2	Shin-Etsu Rare Earths Yttria-Based Semiconductor Coatings Business Overview
4.17.3	Shin-Etsu Rare Earths Yttria-Based Semiconductor Coatings Production Capacity, Value and Gross Margin (2021-2026)
4.17.4	Shin-Etsu Rare Earths Product Portfolio
4.17.5	Shin-Etsu Rare Earths Recent Developments

5 Global Yttria-Based Semiconductor Coatings Production by Region

5.1	Global Yttria-Based Semiconductor Coatings Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
5.2	Global Yttria-Based Semiconductor Coatings Production by Region: 2021-2032
5.2.1	Global Yttria-Based Semiconductor Coatings Production by Region: 2021-2026
5.2.2	Global Yttria-Based Semiconductor Coatings Production Forecast by Region (2027-2032)
5.3	Global Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
5.4	Global Yttria-Based Semiconductor Coatings Production Value by Region: 2021-2032
5.4.1	Global Yttria-Based Semiconductor Coatings Production Value by Region: 2021-2026
5.4.2	Global Yttria-Based Semiconductor Coatings Production Value Forecast by Region (2027-2032)
5.5	Global Yttria-Based Semiconductor Coatings Market Price Analysis by Region (2021-2026)
5.6	Global Yttria-Based Semiconductor Coatings Production and Value, YOY Growth
5.6.1	North America Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts (2021-2032)
5.6.2	Europe Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts (2021-2032)
5.6.3	China Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts (2021-2032)
5.6.4	Japan Yttria-Based Semiconductor Coatings Production Value Estimates and Forecasts (2021-2032)

6 Global Yttria-Based Semiconductor Coatings Consumption by Region

6.1	Global Yttria-Based Semiconductor Coatings Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
6.2	Global Yttria-Based Semiconductor Coatings Consumption by Region (2021-2032)
6.2.1	Global Yttria-Based Semiconductor Coatings Consumption by Region: 2021-2026
6.2.2	Global Yttria-Based Semiconductor Coatings Forecasted Consumption by Region (2027-2032)
6.3	North America
6.3.1	North America Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.3.2	North America Yttria-Based Semiconductor Coatings Consumption by Country (2021-2032)
6.3.3	United States
6.3.4	Canada
6.3.5	Mexico
6.4	Europe
6.4.1	Europe Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.4.2	Europe Yttria-Based Semiconductor Coatings Consumption by Country (2021-2032)
6.4.3	Germany
6.4.4	France
6.4.5	U.K.
6.4.6	Italy
6.4.7	Russia
6.4.8	Spain
6.4.9	Netherlands
6.4.10	Switzerland
6.4.11	Sweden
6.4.12	Poland
6.5	Asia Pacific
6.5.1	Asia Pacific Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Yttria-Based Semiconductor Coatings Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Yttria-Based Semiconductor Coatings Production by Type (2021-2032)

7.1.1 Global Yttria-Based Semiconductor Coatings Production by Type (2021-2032) & (Tons)

7.1.2 Global Yttria-Based Semiconductor Coatings Production Market Share by Type (2021-2032)

7.2 Global Yttria-Based Semiconductor Coatings Production Value by Type (2021-2032)

7.2.1 Global Yttria-Based Semiconductor Coatings Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Yttria-Based Semiconductor Coatings Production Value Market Share by Type (2021-2032)

7.3 Global Yttria-Based Semiconductor Coatings Price by Type (2021-2032)

8 Segment by Application

8.1 Global Yttria-Based Semiconductor Coatings Production by Application (2021-2032)

8.1.1 Global Yttria-Based Semiconductor Coatings Production by Application (2021-2032) & (Tons)

8.1.2 Global Yttria-Based Semiconductor Coatings Production Market Share by Application (2021-2032)

8.2 Global Yttria-Based Semiconductor Coatings Production Value by Application (2021-2032)

8.2.1 Global Yttria-Based Semiconductor Coatings Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Yttria-Based Semiconductor Coatings Production Value Market Share by Application (2021-2032)

8.3 Global Yttria-Based Semiconductor Coatings Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Yttria-Based Semiconductor Coatings Value Chain Analysis

9.1.1 Yttria-Based Semiconductor Coatings Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Yttria-Based Semiconductor Coatings Production Mode & Process

9.2 Yttria-Based Semiconductor Coatings Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Yttria-Based Semiconductor Coatings Distributors

9.2.3 Yttria-Based Semiconductor Coatings Customers

10 Global Yttria-Based Semiconductor Coatings Analyzing Market Dynamics

10.1 Yttria-Based Semiconductor Coatings Industry Trends

10.2 Yttria-Based Semiconductor Coatings Industry Drivers

10.3 Yttria-Based Semiconductor Coatings Industry Opportunities and Challenges

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Yttria-Based Semiconductor Coatings Production by Manufacturers (Tons) & (2021-2026)
- Table 6: Global Yttria-Based Semiconductor Coatings Production Market Share by Manufacturers
- Table 7: Global Yttria-Based Semiconductor Coatings Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Yttria-Based Semiconductor Coatings Average Price (US\$/Kg) of Manufacturers (2021-2026)
- Table 10: Global Yttria-Based Semiconductor Coatings Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Yttria-Based Semiconductor Coatings Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Yttria-Based Semiconductor Coatings Manufacturers, Product Type & Application
- Table 13: Global Yttria-Based Semiconductor Coatings Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Yttria-Based Semiconductor Coatings by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: FUJIMI INCORPORATED Company Information
- Table 18: FUJIMI INCORPORATED Business Overview
- Table 19: FUJIMI INCORPORATED Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 20: FUJIMI INCORPORATED Yttria-Based Semiconductor Coatings Product Portfolio
- Table 21: FUJIMI INCORPORATED Recent Development
- Table 22: Entegris Company Information
- Table 23: Entegris Business Overview
- Table 24: Entegris Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 25: Entegris Yttria-Based Semiconductor Coatings Product Portfolio
- Table 26: Entegris Recent Development
- Table 27: Hansol IONES Company Information
- Table 28: Hansol IONES Business Overview
- Table 29: Hansol IONES Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 30: Hansol IONES Yttria-Based Semiconductor Coatings Product Portfolio
- Table 31: Hansol IONES Recent Development
- Table 32: SEWON HARDFACING CO.,LTD Company Information
- Table 33: SEWON HARDFACING CO.,LTD Business Overview
- Table 34: SEWON HARDFACING CO.,LTD Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 35: SEWON HARDFACING CO.,LTD Yttria-Based Semiconductor Coatings Product Portfolio
- Table 36: SEWON HARDFACING CO.,LTD Recent Development
- Table 37: Saint-Gobain Company Information
- Table 38: Saint-Gobain Business Overview
- Table 39: Saint-Gobain Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 40: Saint-Gobain Yttria-Based Semiconductor Coatings Product Portfolio
- Table 41: Saint-Gobain Recent Development
- Table 42: Oerlikon Balzers Company Information
- Table 43: Oerlikon Balzers Business Overview
- Table 44: Oerlikon Balzers Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 45: Oerlikon Balzers Yttria-Based Semiconductor Coatings Product Portfolio
- Table 46: Oerlikon Balzers Recent Development
- Table 47: APS Materials, Inc. Company Information
- Table 48: APS Materials, Inc. Business Overview

- Table 49: APS Materials, Inc. Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 50: APS Materials, Inc. Yttria-Based Semiconductor Coatings Product Portfolio
- Table 51: APS Materials, Inc. Recent Development
- Table 52: NGK (NTK CERATE) Company Information
- Table 53: NGK (NTK CERATE) Business Overview
- Table 54: NGK (NTK CERATE) Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 55: NGK (NTK CERATE) Yttria-Based Semiconductor Coatings Product Portfolio
- Table 56: NGK (NTK CERATE) Recent Development
- Table 57: Hansol IONES Company Information
- Table 58: Hansol IONES Business Overview
- Table 59: Hansol IONES Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 60: Hansol IONES Yttria-Based Semiconductor Coatings Product Portfolio
- Table 61: Hansol IONES Recent Development
- Table 62: FEMVIX CORP. Company Information
- Table 63: FEMVIX CORP. Business Overview
- Table 64: FEMVIX CORP. Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 65: FEMVIX CORP. Yttria-Based Semiconductor Coatings Product Portfolio
- Table 66: FEMVIX CORP. Recent Development
- Table 67: CINOS Company Information
- Table 68: CINOS Business Overview
- Table 69: CINOS Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 70: CINOS Yttria-Based Semiconductor Coatings Product Portfolio
- Table 71: CINOS Recent Development
- Table 72: Yeedex Company Information
- Table 73: Yeedex Business Overview
- Table 74: Yeedex Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 75: Yeedex Yttria-Based Semiconductor Coatings Product Portfolio
- Table 76: Yeedex Recent Development
- Table 77: YMC Co., Ltd. Company Information
- Table 78: YMC Co., Ltd. Business Overview
- Table 79: YMC Co., Ltd. Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 80: YMC Co., Ltd. Yttria-Based Semiconductor Coatings Product Portfolio
- Table 81: YMC Co., Ltd. Recent Development
- Table 82: Treibacher Industrie AG Company Information
- Table 83: Treibacher Industrie AG Business Overview
- Table 84: Treibacher Industrie AG Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 85: Treibacher Industrie AG Yttria-Based Semiconductor Coatings Product Portfolio
- Table 86: Treibacher Industrie AG Recent Development
- Table 87: Nano Research Elements Company Information
- Table 88: Nano Research Elements Business Overview
- Table 89: Nano Research Elements Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 90: Nano Research Elements Yttria-Based Semiconductor Coatings Product Portfolio
- Table 91: Nano Research Elements Recent Development
- Table 92: Coorstek Company Information
- Table 93: Coorstek Business Overview
- Table 94: Coorstek Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 95: Coorstek Yttria-Based Semiconductor Coatings Product Portfolio
- Table 96: Coorstek Recent Development
- Table 97: Shin-Etsu Rare Earths Company Information
- Table 98: Shin-Etsu Rare Earths Business Overview
- Table 99: Shin-Etsu Rare Earths Yttria-Based Semiconductor Coatings Production (Tons), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2021-2026)
- Table 100: Shin-Etsu Rare Earths Yttria-Based Semiconductor Coatings Product Portfolio
- Table 101: Shin-Etsu Rare Earths Recent Development
- Table 102: Global Yttria-Based Semiconductor Coatings Production Comparison by Region: 2021 VS 2025 VS 2032 (Tons)

- Table 103: Global Yttria-Based Semiconductor Coatings Production by Region (2021-2026) & (Tons)
- Table 104: Global Yttria-Based Semiconductor Coatings Production Market Share by Region (2021-2026)
- Table 105: Global Yttria-Based Semiconductor Coatings Production Forecast by Region (2027-2032) & (Tons)
- Table 106: Global Yttria-Based Semiconductor Coatings Production Market Share Forecast by Region (2027-2032)
- Table 107: Global Yttria-Based Semiconductor Coatings Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 108: Global Yttria-Based Semiconductor Coatings Production Value by Region (2021-2026) & (US\$ Million)
- Table 109: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Region (2021-2026)
- Table 110: Global Yttria-Based Semiconductor Coatings Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 111: Global Yttria-Based Semiconductor Coatings Market Average Price (US\$/Kg) by Region (2021-2026)
- Table 112: Global Yttria-Based Semiconductor Coatings Market Average Price (US\$/Kg) by Region (2027-2032)
- Table 113: Global Yttria-Based Semiconductor Coatings Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Tons)
- Table 114: Global Yttria-Based Semiconductor Coatings Consumption by Region (2021-2026) & (Tons)
- Table 115: Global Yttria-Based Semiconductor Coatings Consumption Market Share by Region (2021-2026)
- Table 116: Global Yttria-Based Semiconductor Coatings Forecasted Consumption by Region (2027-2032) & (Tons)
- Table 117: Global Yttria-Based Semiconductor Coatings Forecasted Consumption Market Share by Region (2027-2032)
- Table 118: North America Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Tons)
- Table 119: North America Yttria-Based Semiconductor Coatings Consumption by Country (2021-2026) & (Tons)
- Table 120: North America Yttria-Based Semiconductor Coatings Consumption by Country (2027-2032) & (Tons)
- Table 121: Europe Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Tons)
- Table 122: Europe Yttria-Based Semiconductor Coatings Consumption by Country (2021-2026) & (Tons)
- Table 123: Europe Yttria-Based Semiconductor Coatings Consumption by Country (2027-2032) & (Tons)
- Table 124: Asia Pacific Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Tons)
- Table 125: Asia Pacific Yttria-Based Semiconductor Coatings Consumption by Country (2021-2026) & (Tons)
- Table 126: Asia Pacific Yttria-Based Semiconductor Coatings Consumption by Country (2027-2032) & (Tons)
- Table 127: South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Tons)
- Table 128: South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption by Country (2021-2026) & (Tons)
- Table 129: South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption by Country (2027-2032) & (Tons)
- Table 130: Global Yttria-Based Semiconductor Coatings Production by Type (2021-2026) & (Tons)
- Table 131: Global Yttria-Based Semiconductor Coatings Production by Type (2027-2032) & (Tons)
- Table 132: Global Yttria-Based Semiconductor Coatings Production Market Share by Type (2021-2026)
- Table 133: Global Yttria-Based Semiconductor Coatings Production Market Share by Type (2027-2032)
- Table 134: Global Yttria-Based Semiconductor Coatings Production Value by Type (2021-2026) & (US\$ Million)
- Table 135: Global Yttria-Based Semiconductor Coatings Production Value by Type (2027-2032) & (US\$ Million)
- Table 136: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Type (2021-2026)
- Table 137: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Type (2027-2032)
- Table 138: Global Yttria-Based Semiconductor Coatings Price by Type (2021-2026) & (US\$/Kg)
- Table 139: Global Yttria-Based Semiconductor Coatings Price by Type (2027-2032) & (US\$/Kg)
- Table 140: Global Yttria-Based Semiconductor Coatings Production by Application (2021-2026) & (Tons)
- Table 141: Global Yttria-Based Semiconductor Coatings Production by Application (2027-2032) & (Tons)
- Table 142: Global Yttria-Based Semiconductor Coatings Production Market Share by Application (2021-2026)
- Table 143: Global Yttria-Based Semiconductor Coatings Production Market Share by Application (2027-2032)
- Table 144: Global Yttria-Based Semiconductor Coatings Production Value by Application (2021-2026) & (US\$ Million)
- Table 145: Global Yttria-Based Semiconductor Coatings Production Value by Application (2027-2032) & (US\$ Million)
- Table 146: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Application (2021-2026)
- Table 147: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Application (2027-2032)
- Table 148: Global Yttria-Based Semiconductor Coatings Price by Application (2021-2026) & (US\$/Kg)
- Table 149: Global Yttria-Based Semiconductor Coatings Price by Application (2027-2032) & (US\$/Kg)
- Table 150: Key Raw Materials
- Table 151: Raw Materials Key Suppliers
- Table 152: Yttria-Based Semiconductor Coatings Distributors List
- Table 153: Yttria-Based Semiconductor Coatings Customers List
- Table 154: Yttria-Based Semiconductor Coatings Industry Trends
- Table 155: Yttria-Based Semiconductor Coatings Industry Drivers
- Table 156: Yttria-Based Semiconductor Coatings Industry Restraints
- Table 157: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Yttria-Based Semiconductor Coatings Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Agglomerated Product Image
- Figure 7: Agglomerated and Sintered Product Image
- Figure 8: Plasma Etch Equipment Product Image
- Figure 9: CVD Equipment Product Image
- Figure 10: ESC (Electrostatic Chuck) Product Image
- Figure 11: Others Product Image
- Figure 12: Global Yttria-Based Semiconductor Coatings Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 13: Global Yttria-Based Semiconductor Coatings Production Value (2021-2032) & (US\$ Million)
- Figure 14: Global Yttria-Based Semiconductor Coatings Production Capacity (2021-2032) & (Tons)
- Figure 15: Global Yttria-Based Semiconductor Coatings Production (2021-2032) & (Tons)
- Figure 16: Global Yttria-Based Semiconductor Coatings Average Price (US\$/Kg) & (2021-2032)
- Figure 17: Global Yttria-Based Semiconductor Coatings Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 18: Global Top 5 and 10 Yttria-Based Semiconductor Coatings Players Market Share by Production Value in 2025
- Figure 19: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 20: Global Yttria-Based Semiconductor Coatings Production Comparison by Region: 2021 VS 2025 VS 2032 (Tons)
- Figure 21: Global Yttria-Based Semiconductor Coatings Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 22: Global Yttria-Based Semiconductor Coatings Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 23: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 24: North America Yttria-Based Semiconductor Coatings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: Europe Yttria-Based Semiconductor Coatings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: China Yttria-Based Semiconductor Coatings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Japan Yttria-Based Semiconductor Coatings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Global Yttria-Based Semiconductor Coatings Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Tons)
- Figure 29: Global Yttria-Based Semiconductor Coatings Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 30: North America Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 31: North America Yttria-Based Semiconductor Coatings Consumption Market Share by Country (2021-2032)
- Figure 32: United States Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 33: United States Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 34: Canada Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 35: Mexico Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 36: Europe Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 37: Europe Yttria-Based Semiconductor Coatings Consumption Market Share by Country (2021-2032)
- Figure 38: Germany Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 39: France Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 40: U.K. Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 41: Italy Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 42: Russia Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 43: Spain Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 44: Netherlands Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 45: Switzerland Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 46: Sweden Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 47: Poland Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 48: Asia Pacific Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 49: Asia Pacific Yttria-Based Semiconductor Coatings Consumption Market Share by Country (2021-2032)
- Figure 50: China Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 51: Japan Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 52: South Korea Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 53: India Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 54: Australia Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 55: Taiwan Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 56: Southeast Asia Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 57: South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 58: South America, Middle East & Africa Yttria-Based Semiconductor Coatings Consumption Market Share by Country (2021-2032)
- Figure 59: Brazil Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 60: Argentina Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 61: Chile Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)

- Figure 62: Turkey Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 63: GCC Countries Yttria-Based Semiconductor Coatings Consumption and Growth Rate (2021-2032) & (Tons)
- Figure 64: Global Yttria-Based Semiconductor Coatings Production Market Share by Type (2021-2032)
- Figure 65: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Type (2021-2032)
- Figure 66: Global Yttria-Based Semiconductor Coatings Price (US\$/Kg) by Type (2021-2032)
- Figure 67: Global Yttria-Based Semiconductor Coatings Production Market Share by Application (2021-2032)
- Figure 68: Global Yttria-Based Semiconductor Coatings Production Value Market Share by Application (2021-2032)
- Figure 69: Global Yttria-Based Semiconductor Coatings Price (US\$/Kg) by Application (2021-2032)
- Figure 70: Yttria-Based Semiconductor Coatings Value Chain
- Figure 71: Yttria-Based Semiconductor Coatings Production Mode & Process
- Figure 72: Direct Comparison with Distribution Share
- Figure 73: Distributors Profiles
- Figure 74: Yttria-Based Semiconductor Coatings Industry Opportunities and Challenges