

Global Yttria-Based Semiconductor Coatings Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Yttria-Based Semiconductor Coatings market size is expected to reach \$ 49 million by 2029, rising at a market growth of 6.2% CAGR during the forecast period (2023-2029).

Semiconductor manufacturing equipment is a medium tool for achieving semiconductor manufacturing processes, playing an important role in all aspects. According to SEMI, worldwide sales of semiconductor manufacturing equipment increased 5% from \$102.6 billion in 2021 to an all-time record of \$107.6 billion in 2022.

In recent years, the localization process of China's semiconductor industry has further accelerated, and the performance of semiconductor equipment is more flexible than the overall industry. The localization of semiconductor equipment is ushering in a golden wave, and domestic semiconductor equipment is facing more opportunities for verification and trial use, technical cooperation, and import substitution. For the third consecutive year, China remained the largest semiconductor equipment market in 2022 despite a 5% slowdown in the pace of investments in the region year over year, accounting for \$28.3 billion in billings.

The record high for semiconductor manufacturing equipment sales in 2022 stems from the industry's drive to add the fab capacity required to support long-term growth and innovations in key end markets including high-performance computing and automotive. Additionally, the results reflect investments and determination across regions to avoid future semiconductor supply chain constraints like those that surfaced during the pandemic.

Yttrium oxide is a highly stable compound with a high melting point and is very inert

chemically. Yttrium oxide is also known to possess excellent plasma-etch and erosion resistance, particularly in plasmas containing halogen species. In addition, yttrium oxide exhibits excellent electrical insulation (volume resistivity and dielectric breakdown strength).

This report studies the global Yttria-Based Semiconductor Coatings production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Yttria-Based Semiconductor Coatings, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Yttria-Based Semiconductor Coatings that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Yttria-Based Semiconductor Coatings total production and demand, 2018-2029, (Tons)

Global Yttria-Based Semiconductor Coatings total production value, 2018-2029, (USD Million)

Global Yttria-Based Semiconductor Coatings production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Yttria-Based Semiconductor Coatings consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Yttria-Based Semiconductor Coatings domestic production, consumption, key domestic manufacturers and share

Global Yttria-Based Semiconductor Coatings production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Yttria-Based Semiconductor Coatings production by Manufacturing Method, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Yttria-Based Semiconductor Coatings production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Yttria-Based Semiconductor 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 FUJIMI INCORPORATED, Entegris, Hansol IONES, SEWON HARDFACING CO.,LTD, Saint-Gobain, Oerlikon Balzers, APS Materials, Inc., NGK (NTK CERATE) and Hansol IONES, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Yttria-Based Semiconductor Coatings market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by manufacturer, by Manufacturing Method, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Yttria-Based Semiconductor Coatings Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Yttria-Based Semiconductor Coatings Market, Segmentation by Manufacturing Method

Agglomerated

Agglomerated and Sintered

Global Yttria-Based Semiconductor Coatings Market, Segmentation by Application

Plasma Etch Equipment

CVD Equipment

ESC (Electrostatic Chuck)

Others

Companies Profiled:

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

Key Questions Answered

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

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