

# Global Polysilicon Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Polysilicon market size was valued at US\$ 13230 million in 2024 and is forecast to a readjusted size of USD 26490 million by 2031 with a CAGR of 10.5% during review period.

Polysilicon is a hyper pure form of silicon. It is multi-crystalline, high purity silicon, greater than 99.999% pure, used as the starting material for the growth of high purity single crystal silicon to be used for integrated circuits, other semiconductor devices, and solar cells. It is in the form of chunk, granular, powder and chip. Due to its semiconductor-like material properties, polysilicon is used as feedstock material in most solar energy applications.

China is the largest consumption country of polysilicon in the world in the past few years and it will keep the same position in the next few years. The Chinese market took up about 56% the global market in 2015, followed by USA (18%), Europe and Korea are closely followed with the share about 7%.

GCL Group, WACKER CHEMIE, Hemlock Semiconductor, OCI, REC Silicon, TBEA, SunEdision, Sichuan Yongxiang, KCC and Tokuyama are the key suppliers in the global polysilicon market. Top four took up about 60% of the global market. GCL Group from China is the largest supplier over the world, while GCL Group, TBEA and Sichuan Yongxiang are the leading local supplier in China with the total local share of about 44%. Tokuyama is a leading supplier in Japan.

This report is a detailed and comprehensive analysis for global Polysilicon market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report

explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Polysilicon market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Polysilicon market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Polysilicon market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Polysilicon market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/Kg), 2020-2025

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Polysilicon

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Polysilicon market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include GCL Group, WACKER CHEMIE, Hemlock Semiconductor, OCI, REC Silicon, TBEA, SunEdison, Sichuan Yongxiang, KCC, Tokuyama, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Polysilicon market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Solar Grade Polysilicon

Electronic Grade Polysilicon

### Market segment by Application

Solar Photovoltaics (PV) Industry

Semiconductor Industry

Others

### Major players covered

GCL Group

WACKER CHEMIE

Hemlock Semiconductor

OCI

REC Silicon

TBEA

SunEdision

Sichuan Yongxiang

KCC

Tokuyama

HanKook Silicon

Daqo New Energy

Dun'an Group

LDK Solar

Hanwha Chemical

Luoyang China Silicon

Asia Silicon

Yichang CSG

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Polysilicon product scope, market overview, market estimation

caveats and base year.

Chapter 2, to profile the top manufacturers of Polysilicon, with price, sales quantity, revenue, and global market share of Polysilicon from 2020 to 2025.

Chapter 3, the Polysilicon competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polysilicon breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Polysilicon market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Polysilicon.

Chapter 14 and 15, to describe Polysilicon sales channel, distributors, customers, research findings and conclusion.

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