

# Global Monocrystalic Silicium (Si) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

Monocrystalline silicon (also called single-crystal silicon (or Si), mono c-Si or simply mono-Si) is the base material for silicon-based discrete components and integrated circuits used in virtually all modern electronic equipment.

The data of monocrystalline silicon is based on ingot.

According to our (Global Info Research) latest study, the global Monocrystalic Silicium (Si) market size was valued at US\$ 4928 million in 2023 and is forecast to a readjusted size of USD 7356 million by 2030 with a CAGR of 6.0% during review period.

Global Monocrystalic Silicium (Si) key players include LONGi New Energy, Zhonghuan, Comtec Solar, etc. Global top three manufacturers hold a share about 60%.

In terms of product, Precipitated Silica is the largest segment, with a share about 90%. And in terms of application, the largest application is Rubber & Plastics, followed by Personal Care.

This report is a detailed and comprehensive analysis for global Monocrystalic Silicium (Si) 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 2024, are provided.

### Key Features:

Global Monocrystalline Silicon (Si) market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2019-2030

Global Monocrystalline Silicon (Si) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2019-2030

Global Monocrystalline Silicon (Si) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2019-2030

Global Monocrystalline Silicon (Si) market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/Kg), 2019-2024

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 Monocrystalline Silicon (Si)

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 Monocrystalline Silicon (Si) 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 LONGi New Energy, Zhonghuan, Comtec Solar, Yangguang Energy, Jinglong Group, Shin-Etsu Chemical, Sumco, GlobalWafers, Siltronic, SK Siltron, etc.

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

### Market Segmentation

Monocrystalline Silicon (Si) market is split by Type and by Application. For the period

2019-2030, 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

4 Inch

6 Inch

8 Inch

12 Inch

Other

#### Market segment by Application

Solar Energy

Semiconductor

#### Major players covered

LONGi New Energy

Zhonghuan

Comtec Solar

Yangguang Energy

Jinglong Group

Shin-Etsu Chemical

Sumco

GlobalWafers

Siltronic

SK Siltron

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 Monocrystalline Silicon (Si) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Monocrystalline Silicon (Si), with price, sales quantity, revenue, and global market share of Monocrystalline Silicon (Si) from 2019 to 2024.

Chapter 3, the Monocrystalline Silicon (Si) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Monocrystalline Silicon (Si) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

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 2019 to 2030.

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 2019 to 2024. and Monocrystalline Silicon (Si) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

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 Monocrystalline Silicon (Si).

Chapter 14 and 15, to describe Monocrystalline Silicon (Si) sales channel, distributors, customers, research findings and conclusion.

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