

Global Polysilicon Market Research Report 2017

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Abstracts

Polycrystalline silicon, also called polysilicon or poly-Si, is a high purity, polycrystalline form of silicon, used as a raw material by the solar photovoltaic and electronics industry. Polysilicon is produced from metallurgical grade silicon by a chemical purification process, called the Siemens process. This process involves distillation of volatile silicon compounds, and their decomposition into silicon at high temperatures. An emerging, alternative process of refinement uses a fluidized bed reactor. The photovoltaic industry also produces upgraded metallurgical-grade silicon (UMG-Si), using metallurgical instead of chemical purification processes.

The report covers forecast and analysis for the polysilicon market on a global and regional level. The study provides historic data of 2012-2016 along with a forecast from 2017 to 2022 based on both volumes and revenue. The study includes drivers and restraints for the polysilicon market along with the impact they have on the demand over the forecast period. Additionally, the report includes the study of opportunities available in the polysilicon market on a global level.

The report has been prepared based on the synthesis, analysis, and interpretation of information about the global polysilicon market collected from specialized sources. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. Company overview, financial overview, product portfolio, new project launched, recent development analysis are the parameters included in the profile.

The study provides a decisive view on the polysilicon market by segmenting the market based on applications. All the application segments have been analyzed based on present and future trends and the market is estimated from 2017 to 2022.

Key Applications

Electronic

Photovoltaic

Key Regions

North America

Europe

Asia Pacific

China

Key Vendors

GCL-Poly

Wacker Chemie AG

OCI Corporation

Xinte Energy (TBEA)

Hemlock

REC Silicon

Luoyang China Silicon Corporation

Yongxiang

Tokuyama Corporation

Hanwha

Osaka Titanium

Mitsubishi Materials

KCC Corporation

Daqo New Energy

Asia Silicon (Qinghai)

Yichang CSG

Dun An

Shenzhou Silicon

Key Questions Answered in this Report

What will the market size be in 2022?

What are the key factors driving the global polysilicon market?

What are the challenges to market growth?

Who are the key players in the polysilicon market?

What are the market opportunities and threats faced by the key players?

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