

Global Polysilicon Market Size study, By Grade (Solar Grade, Electronics Grade) By End Use Industries (Solar PV, Electronics, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Polysilicon Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Polysilicon also known as polycrystalline silicon refers to a high purity, polycrystalline (Materials are solids that consist of many small crystals) form of silicon, it is largely used as a raw material by the solar photovoltaic and electronics industry. It also has applications in VLSI manufacturing. One of its primary uses is as gate electrode material for MOS devices. Growing Solar PV industry and rising adoption of renewable energy sources are key drivers for the growth of Polysilicon market. For instance, according to The International Energy Agency, Paris-based autonomous intergovernmental organization - solar PV capacity is estimated at 93.5 GW in the year 2020 and solar PV capacity additions are forecast to grow by 17% in the year 2021, this will set a new annual record of almost 160 GW. Also, with the increasing demand for consumer electronics and rising government spending in solar power generation infrastructure, the adoption & demand for Polysilicon is likely to increase the market growth during the forecast period. However, disruption in demand and supply chain due to pandemic restrictions and high cost of raw material impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Polysilicon Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region across the world in terms of market share owing to increasing rate of solar PV installation and presence of leading market players in the region. Whereas, Asia-Pacific is anticipated to exhibit highest growth rate over the forecast period

2022-2028. Factors such as increasing government spending in solar power generation in the region would create lucrative growth prospects for the Polysilicon Market across Asia-Pacific region.

Major market player included in this report are:

Wacker Chemie AG

OCI Company Ltd.

GCL-Poly Energy Holdings Limited

TBEA Co. Ltd

REC Silicon ASA.

CSG Holdings Co. Ltd.

Tokuyama Corporation

Daqo New Energy Co. Ltd.

Mitsubishi Materials Corporation

Hanwha Chemical Co. Ltd

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Grade:

Solar Grade,

Electronics Grade

By End Use Industries:

Solar PV

Electronics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Polysilicon Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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