

Global Polysilicon Market Analysis 2016-2020 and Forecast 2021-2026

https://marketpublishers.com/r/GA8CBD61476EN.html

Date: February 2021 Pages: 91 Price: US\$ 2,980.00 (Single User License) ID: GA8CBD61476EN

Abstracts

SNAPSHOT

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.

The global Polysilicon market size is estimated at xxx million USD with a CAGR xx% from 2016-2020 and is expected to reach xxx Million USD in 2021 with a CAGR xx% from 2021 to 2026. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Polysilicon by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Solar Grade Polysilicon

Electronic Grade Polysilicon

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main



Products etc.):

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



Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Solar photovoltaics (PV) industry

Semiconductor industry

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)



Contents

1 INDUSTRY OVERVIEW

1.1 Polysilicon Industry
Figure Polysilicon Industry Chain Structure
1.1.1 Overview
1.1.2 Development of Polysilicon
1.2 Market Segment
1.2.1 Upstream
Table Upstream Segment of Polysilicon
1.2.2 Downstream
Table Application Segment of Polysilicon
Table Global Polysilicon Market 2016-2026, by Application, in USD Million
1.2.3 COVID-19 Impact
1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

- 2.1 Policy
- 2.2 Economics
- 2.3 Sociology
- 2.4 Technology

3 POLYSILICON MARKET BY TYPE

- 3.1 Ву Туре
- 3.1.1 Solar Grade Polysilicon

Table Major Company List of Solar Grade Polysilicon

3.1.2 Electronic Grade Polysilicon

Table Major Company List of Electronic Grade Polysilicon

3.2 Market Size

Table Global Polysilicon Market 2016-2020, by Type, in USD Million

Figure Global Polysilicon Market Growth 2016-2020, by Type, in USD Million

Table Global Polysilicon Market 2016-2020, by Type, in Volume

Figure Global Polysilicon Market Growth 2016-2020, by Type, in Volume

3.3 Market Forecast

Table Global Polysilicon Market Forecast 2021-2026, by Type, in USD Million Table Global Polysilicon Market Forecast 2021-2026, by Type, in Volume



4 MAJOR COMPANIES LIST

4.1 GCL Group (Company Profile, Sales Data etc.)

4.1.1 GCL Group Profile

Table GCL Group Overview List

4.1.2 GCL Group Products & Services

4.1.3 GCL Group Business Operation Conditions

Table Business Operation of GCL Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.2 WACKER CHEMIE (Company Profile, Sales Data etc.)

4.2.1 WACKER CHEMIE Profile

Table WACKER CHEMIE Overview List

4.2.2 WACKER CHEMIE Products & Services

4.2.3 WACKER CHEMIE Business Operation Conditions

Table Business Operation of WACKER CHEMIE (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.3 Hemlock Semiconductor (Company Profile, Sales Data etc.)

4.3.1 Hemlock Semiconductor Profile

Table Hemlock Semiconductor Overview List

4.3.2 Hemlock Semiconductor Products & Services

4.3.3 Hemlock Semiconductor Business Operation Conditions

Table Business Operation of Hemlock Semiconductor (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

4.4 OCI (Company Profile, Sales Data etc.)

4.4.1 OCI Profile

Table OCI Overview List

4.4.2 OCI Products & Services

4.4.3 OCI Business Operation Conditions

Table Business Operation of OCI (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.5 REC Silicon (Company Profile, Sales Data etc.)

4.5.1 REC Silicon Profile

Table REC Silicon Overview List

4.5.2 REC Silicon Products & Services

4.5.3 REC Silicon Business Operation Conditions

Table Business Operation of REC Silicon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.6 TBEA (Company Profile, Sales Data etc.)



4.6.1 TBEA Profile Table TBEA Overview List 4.6.2 TBEA Products & Services 4.6.3 TBEA Business Operation Conditions Table Business Operation of TBEA (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 4.7 SunEdision (Company Profile, Sales Data etc.) 4.7.1 SunEdision Profile Table SunEdision Overview List 4.7.2 SunEdision Products & Services 4.7.3 SunEdision Business Operation Conditions Table Business Operation of SunEdision (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 4.8 Sichuan Yongxiang (Company Profile, Sales Data etc.) 4.8.1 Sichuan Yongxiang Profile Table Sichuan Yongxiang Overview List 4.8.2 Sichuan Yongxiang Products & Services 4.8.3 Sichuan Yongxiang Business Operation Conditions Table Business Operation of Sichuan Yongxiang (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 4.9 KCC (Company Profile, Sales Data etc.) 4.9.1 KCC Profile Table KCC Overview List 4.9.2 KCC Products & Services 4.9.3 KCC Business Operation Conditions Table Business Operation of KCC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 4.10 Tokuyama (Company Profile, Sales Data etc.) 4.10.1 Tokuyama Profile Table Tokuyama Overview List 4.10.2 Tokuyama Products & Services 4.10.3 Tokuyama Business Operation Conditions Table Business Operation of Tokuyama (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) 4.11 HanKook Silicon (Company Profile, Sales Data etc.) 4.11.1 HanKook Silicon Profile Table HanKook Silicon Overview List 4.11.2 HanKook Silicon Products & Services

4.11.3 HanKook Silicon Business Operation Conditions



Table Business Operation of HanKook Silicon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.12 Daqo New Energy (Company Profile, Sales Data etc.)

4.12.1 Daqo New Energy Profile

Table Daqo New Energy Overview List

4.12.2 Daqo New Energy Products & Services

4.12.3 Dago New Energy Business Operation Conditions

Table Business Operation of Daqo New Energy (Sales Revenue, Cost, Gross Margin)

- 4.13 Dun'an Group (Company Profile, Sales Data etc.)
- 4.13.1 Dun'an Group Profile

Table Dun'an Group Overview List

4.13.2 Dun'an Group Products & Services

4.13.3 Dun'an Group Business Operation Conditions

Table Business Operation of Dun'an Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.14 LDK Solar (Company Profile, Sales Data etc.)

4.14.1 LDK Solar Profile

Table LDK Solar Overview List

4.14.2 LDK Solar Products & Services

4.14.3 LDK Solar Business Operation Conditions

Table Business Operation of LDK Solar (Sales Revenue, Cost, Gross Margin)

4.15 Hanwha Chemical (Company Profile, Sales Data etc.)

4.15.1 Hanwha Chemical Profile

Table Hanwha Chemical Overview List

4.15.2 Hanwha Chemical Products & Services

4.15.3 Hanwha Chemical Business Operation Conditions

Table Business Operation of Hanwha Chemical (Sales Revenue, Cost, Gross Margin)

4.16 Luoyang China Silicon (Company Profile, Sales Data etc.)

4.16.1 Luoyang China Silicon Profile

Table Luoyang China Silicon Overview List

4.16.2 Luoyang China Silicon Products & Services

4.16.3 Luoyang China Silicon Business Operation Conditions

Table Business Operation of Luoyang China Silicon (Sales Revenue, Cost, Gross Margin)

4.17 Asia Silicon (Company Profile, Sales Data etc.)

4.17.1 Asia Silicon Profile

Table Asia Silicon Overview List

4.17.2 Asia Silicon Products & Services

4.17.3 Asia Silicon Business Operation Conditions



Table Business Operation of Asia Silicon (Sales Revenue, Cost, Gross Margin)

4.18 Yichang CSG (Company Profile, Sales Data etc.)

4.18.1 Yichang CSG Profile

Table Yichang CSG Overview List

4.18.2 Yichang CSG Products & Services

4.18.3 Yichang CSG Business Operation Conditions

Table Business Operation of Yichang CSG (Sales Revenue, Cost, Gross Margin)

5 MARKET COMPETITION

5.1 Company Competition

Table Global Polysilicon Sales Revenue 2016-2020, by Company, in USD Million Table Global Polysilicon Sales Revenue Share 2016-2020, by Company, in USD Million Figure Global Polysilicon Sales Revenue Share in 2020, by Company, in USD Million Table Global Polysilicon Sales Volume 2016-2020, by Company, in Volume Table Global Polysilicon Sales Volume Share 2016-2020, by Company, in Volume Figure Global Polysilicon Sales Volume Share in 2020, by Company, in Volume 5.2 Regional Market by Company

Figure North America Polysilicon Market Concentration, in 2020 Figure Europe Polysilicon Market Market Concentration, in 2020 Figure Asia-Pacific Polysilicon MMarket Concentration, in 2020 Figure South America Polysilicon Market Concentration, in 2020 Figure Middle East & Africa Polysilicon Market Concentration, in 2020

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Solar photovoltaics (PV) industry

Figure Polysilicon Demand in Solar photovoltaics (PV) industry, 2016-2020, in USD Million

Figure Polysilicon Demand in Solar photovoltaics (PV) industry, 2016-2020, in Volume

6.1.2 Demand in Semiconductor industry

Figure Polysilicon Demand in Semiconductor industry, 2016-2020, in USD Million

Figure Polysilicon Demand in Semiconductor industry, 2016-2020, in Volume

6.1.3 Demand in Others

Figure Polysilicon Demand in Others, 2016-2020, in USD Million

Figure Polysilicon Demand in Others, 2016-2020, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List



Table Major Application in Different Regions

6.3 Demand Forecast

Table Polysilicon Demand Forecast 2021-2026, by Application, in USD Million Figure Polysilicon Market Growth 2021-2026, by Application, in USD Million Figure Polysilicon Market Share in 2026, by Application, in USD Million Table Polysilicon Demand Forecast 2021-2026, by Application, in Volume Table Polysilicon Market Growth 2021-2026, by Application, in Volume Table Polysilicon Market Share in 2026, by Application, in Volume 6.4 Impact of the COVID-19 on the Demand

7 REGION OPERATION

7.1 Regional Production

Table Polysilicon Production 2016-2020, by Region, in USD Million

Table Polysilicon Production 2016-2020, by Region, in Volume

7.2 Regional Market

Table Global Polysilicon Market 2016-2020, by Region, in USD Million

Table Global Polysilicon Market Share 2016-2020, by Region, in USD Million

Table Global Polysilicon Market 2016-2020, by Region, in Volume

Table Global Polysilicon Market Share 2016-2020, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Polysilicon Market Size and Growth 2016-2020, in USD Million Figure North America Polysilicon Market Size and Growth 2016-2020, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Polysilicon Market Size 2016-2020, by Country, in USD MillionTable North America Polysilicon Market Size 2016-2020, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Polysilicon Market Size and Growth 2016-2020, in USD Million Figure Europe Polysilicon Market Size and Growth 2016-2020, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.) Table Europe Polysilicon Market Size 2016-2020, by Country, in USD Million Table Europe Polysilicon Market Size 2016-2020, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Polysilicon Market Size and Growth 2016-2020, in USD Million Figure Asia-Pacific Polysilicon Market Size and Growth 2016-2020, in Volume



7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Polysilicon Market Size 2016-2020, by Country, in USD Million

Table Asia-Pacific Polysilicon Market Size 2016-2020, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Polysilicon Market Size and Growth 2016-2020, in USD Million Figure South America Polysilicon Market Size and Growth 2016-2020, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Polysilicon Market Size 2016-2020, by Country, in USD Million Table South America Polysilicon Market Size 2016-2020, by Country, in Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

Figure Middle East & Africa Polysilicon Market Size and Growth 2016-2020, in USD Million

Figure Middle East & Africa Polysilicon Market Size and Growth 2016-2020, in Volume 7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Polysilicon Market Size 2016-2020, by Country, in USD Million

Table Middle East & Africa Polysilicon Market Size 2016-2020, by Country, in Volume 7.4 Regional Import & Export

7.5 Regional Forecast

Table Polysilicon Market Forecast 2021-2026, by Region, in USD Million Table Polysilicon Market Forecast 2021-2026, by Region, in Volume

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

Table Price Factors List

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

Figure Marketing Channels Overview

9 RESEARCH CONCLUSION





List Of Tables

LIST OF TABLES

- 1. Table Upstream Segment of Polysilicon
- 2. Table Application Segment of Polysilicon
- 3. Table Global Polysilicon Market 2016-2026, by Application, in USD Million
- 4. Table Major Company List of Electronic Grade Polysilicon
- 5. Table Global Polysilicon Market 2016-2020, by Type, in USD Million
- 6. Table Global Polysilicon Market 2016-2020, by Type, in Volume
- 7. Table Global Polysilicon Market Forecast 2021-2026, by Type, in USD Million
- 8. Table Global Polysilicon Market Forecast 2021-2026, by Type, in Volume
- 9. Table GCL Group Overview List

10. Table Business Operation of GCL Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

11. Table WACKER CHEMIE Overview List

12. Table Business Operation of WACKER CHEMIE (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 13. Table Hemlock Semiconductor Overview List
- 14. Table Business Operation of Hemlock Semiconductor (Sales Revenue, Sales

Volume, Price, Cost, Gross Margin)

15. Table OCI Overview List

16. Table Business Operation of OCI (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

17. Table REC Silicon Overview List

18. Table Business Operation of REC Silicon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

19. Table TBEA Overview List

20. Table Business Operation of TBEA (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

21. Table SunEdision Overview List

22. Table Business Operation of SunEdision (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

23. Table Sichuan Yongxiang Overview List

24. Table Business Operation of Sichuan Yongxiang (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

25. Table KCC Overview List

26. Table Business Operation of KCC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

27. Table Tokuyama Overview List



28. Table Business Operation of Tokuyama (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

29. Table HanKook Silicon Overview List

30. Table Business Operation of HanKook Silicon (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

31. Table Daqo New Energy Overview List

32. Table Business Operation of Daqo New Energy (Sales Revenue, Cost, Gross Margin)

33. Table Dun'an Group Overview List

34. Table Business Operation of Dun'an Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

35. Table LDK Solar Overview List

36. Table Business Operation of LDK Solar (Sales Revenue, Cost, Gross Margin)

37. Table Hanwha Chemical Overview List

38. Table Business Operation of Hanwha Chemical (Sales Revenue, Cost, Gross Margin)

39. Table Luoyang China Silicon Overview List

- 40. Table Business Operation of Luoyang China Silicon (Sales Revenue, Cost, Gross Margin)
- 41. Table Asia Silicon Overview List
- 42. Table Business Operation of Asia Silicon (Sales Revenue, Cost, Gross Margin)
- 43. Table Yichang CSG Overview List
- 44. Table Business Operation of Yichang CSG (Sales Revenue, Cost, Gross Margin)

45. Table Global Polysilicon Sales Revenue 2016-2020, by Company, in USD Million

46. Table Global Polysilicon Sales Revenue Share 2016-2020, by Company, in USD Million

- 47. Table Global Polysilicon Sales Volume 2016-2020, by Company, in Volume
- 48. Table Global Polysilicon Sales Volume Share 2016-2020, by Company, in Volume
- 49. Table Regional Demand Comparison List
- 50. Table Major Application in Different Regions
- 51. Table Polysilicon Demand Forecast 2021-2026, by Application, in USD Million
- 52. Table Polysilicon Demand Forecast 2021-2026, by Application, in Volume
- 53. Table Polysilicon Market Growth 2021-2026, by Application, in Volume
- 54. Table Polysilicon Market Share in 2026, by Application, in Volume
- 55. Table Polysilicon Production 2016-2020, by Region, in USD Million
- 56. Table Polysilicon Production 2016-2020, by Region, in Volume
- 57. Table Global Polysilicon Market 2016-2020, by Region, in USD Million
- 58. Table Global Polysilicon Market Share 2016-2020, by Region, in USD Million
- 59. Table Global Polysilicon Market 2016-2020, by Region, in Volume



60. Table Global Polysilicon Market Share 2016-2020, by Region, in Volume

- 61. Table North America Polysilicon Market Size 2016-2020, by Country, in USD Million
- 62. Table North America Polysilicon Market Size 2016-2020, by Country, in Volume
- 63. Table Europe Polysilicon Market Size 2016-2020, by Country, in USD Million
- 64. Table Europe Polysilicon Market Size 2016-2020, by Country, in Volume
- 65. Table Asia-Pacific Polysilicon Market Size 2016-2020, by Country, in USD Million
- 66. Table Asia-Pacific Polysilicon Market Size 2016-2020, by Country, in Volume
- 67. Table South America Polysilicon Market Size 2016-2020, by Country, in USD Million

68. Table South America Polysilicon Market Size 2016-2020, by Country, in Volume69. Table Middle East & Africa Polysilicon Market Size 2016-2020, by Country, in USDMillion

70. Table Middle East & Africa Polysilicon Market Size 2016-2020, by Country, in Volume

71. Table Polysilicon Market Forecast 2021-2026, by Region, in USD Million

- 72. Table Polysilicon Market Forecast 2021-2026, by Region, in Volume
- 73. Table Price Factors List



List Of Figures

LIST OF FIGURES

- 1. Figure Polysilicon Industry Chain Structure
- 2. Figure Global Polysilicon Market Growth 2016-2020, by Type, in USD Million
- 3. Figure Global Polysilicon Market Growth 2016-2020, by Type, in Volume
- 4. Figure Global Polysilicon Sales Revenue Share in 2020, by Company, in USD Million
- 5. Figure Global Polysilicon Sales Volume Share in 2020, by Company, in Volume
- 6. Figure North America Polysilicon Market Concentration, in 2020
- 7. Figure Europe Polysilicon Market Market Concentration, in 2020
- 8. Figure Asia-Pacific Polysilicon MMarket Concentration, in 2020
- 9. Figure South America Polysilicon Market Concentration, in 2020
- 10. Figure Middle East & Africa Polysilicon Market Concentration, in 2020

11. Figure Polysilicon Demand in Solar photovoltaics (PV) industry, 2016-2020, in USD Million

12. Figure Polysilicon Demand in Solar photovoltaics (PV) industry, 2016-2020, in Volume

- 13. Figure Polysilicon Demand in Semiconductor industry, 2016-2020, in USD Million
- 14. Figure Polysilicon Demand in Semiconductor industry, 2016-2020, in Volume
- 15. Figure Polysilicon Demand in Others, 2016-2020, in USD Million
- 16. Figure Polysilicon Demand in Others, 2016-2020, in Volume
- 17. Figure Polysilicon Market Growth 2021-2026, by Application, in USD Million
- 18. Figure Polysilicon Market Share in 2026, by Application, in USD Million

19. Figure North America Polysilicon Market Size and Growth 2016-2020, in USD Million

- 20. Figure North America Polysilicon Market Size and Growth 2016-2020, in Volume
- 21. Figure Europe Polysilicon Market Size and Growth 2016-2020, in USD Million
- 22. Figure Europe Polysilicon Market Size and Growth 2016-2020, in Volume
- 23. Figure Asia-Pacific Polysilicon Market Size and Growth 2016-2020, in USD Million
- 24. Figure Asia-Pacific Polysilicon Market Size and Growth 2016-2020, in Volume

25. Figure South America Polysilicon Market Size and Growth 2016-2020, in USD Million

26. Figure South America Polysilicon Market Size and Growth 2016-2020, in Volume27. Figure Middle East & Africa Polysilicon Market Size and Growth 2016-2020, in USD Million

28. Figure Middle East & Africa Polysilicon Market Size and Growth 2016-2020, in Volume

29. Figure Marketing Channels Overview



I would like to order

Product name: Global Polysilicon Market Analysis 2016-2020 and Forecast 2021-2026 Product link: <u>https://marketpublishers.com/r/GA8CBD61476EN.html</u>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GA8CBD61476EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970