

Global Silicon Nitride Powder Market Analysis 2016-2020 and Forecast 2021-2026

https://marketpublishers.com/r/GAF785AEC746EN.html

Date: February 2021

Pages: 86

Price: US\$ 2,980.00 (Single User License)

ID: GAF785AEC746EN

Abstracts

SNAPSHOT

Silicon nitride (Si3N4) is one of the purely covalent nitrides. Like all nitrides, it is characterized by a high degree of thermal stability and exceptional chemical stability. Its other properties make it the top representative of the nitride ceramics.

The global Silicon Nitride Powder 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 Silicon Nitride Powder 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.):

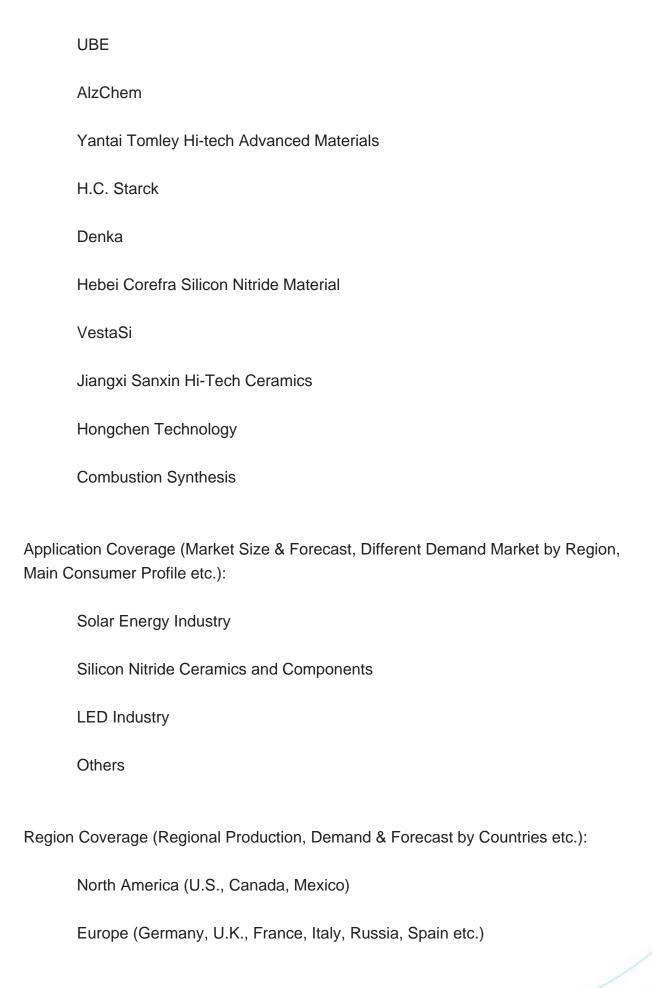
Photovoltaic Grade Silicon Nitride

Ceramic Grade Silicon Nitride

LED Grade Silicon Nitride

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products 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 Silicon Nitride Powder Industry

Figure Silicon Nitride Powder Industry Chain Structure

- 1.1.1 Overview
- 1.1.2 Development of Silicon Nitride Powder
- 1.2 Market Segment
 - 1.2.1 Upstream

Table Upstream Segment of Silicon Nitride Powder

1.2.2 Downstream

Table Application Segment of Silicon Nitride Powder

Table Global Silicon Nitride Powder 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 SILICON NITRIDE POWDER MARKET BY TYPE

- 3.1 By Type
 - 3.1.1 Photovoltaic Grade Silicon Nitride

Table Major Company List of Photovoltaic Grade Silicon Nitride

3.1.2 Ceramic Grade Silicon Nitride

Table Major Company List of Ceramic Grade Silicon Nitride

3.1.3 LED Grade Silicon Nitride

Table Major Company List of LED Grade Silicon Nitride

3.2 Market Size

Table Global Silicon Nitride Powder Market 2016-2020, by Type, in USD Million

Figure Global Silicon Nitride Powder Market Growth 2016-2020, by Type, in USD Million

Table Global Silicon Nitride Powder Market 2016-2020, by Type, in Volume

Figure Global Silicon Nitride Powder Market Growth 2016-2020, by Type, in Volume

3.3 Market Forecast



Table Global Silicon Nitride Powder Market Forecast 2021-2026, by Type, in USD Million

Table Global Silicon Nitride Powder Market Forecast 2021-2026, by Type, in Volume

4 MAJOR COMPANIES LIST

- 4.1 UBE (Company Profile, Sales Data etc.)
 - 4.1.1 UBE Profile

Table UBE Overview List

- 4.1.2 UBE Products & Services
- 4.1.3 UBE Business Operation Conditions

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

- 4.2 AlzChem (Company Profile, Sales Data etc.)
 - 4.2.1 AlzChem Profile

Table AlzChem Overview List

- 4.2.2 AlzChem Products & Services
- 4.2.3 AlzChem Business Operation Conditions

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

- 4.3 Yantai Tomley Hi-tech Advanced Materials (Company Profile, Sales Data etc.)
 - 4.3.1 Yantai Tomley Hi-tech Advanced Materials Profile

Table Yantai Tomley Hi-tech Advanced Materials Overview List

- 4.3.2 Yantai Tomley Hi-tech Advanced Materials Products & Services
- 4.3.3 Yantai Tomley Hi-tech Advanced Materials Business Operation Conditions

Table Business Operation of Yantai Tomley Hi-tech Advanced Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.4 H.C. Starck (Company Profile, Sales Data etc.)

4.4.1 H.C. Starck Profile

Table H.C. Starck Overview List

- 4.4.2 H.C. Starck Products & Services
- 4.4.3 H.C. Starck Business Operation Conditions

Table Business Operation of H.C. Starck (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.5 Denka (Company Profile, Sales Data etc.)
 - 4.5.1 Denka Profile

Table Denka Overview List

- 4.5.2 Denka Products & Services
- 4.5.3 Denka Business Operation Conditions



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

4.6 Hebei Corefra Silicon Nitride Material (Company Profile, Sales Data etc.)

4.6.1 Hebei Corefra Silicon Nitride Material Profile

Table Hebei Corefra Silicon Nitride Material Overview List

- 4.6.2 Hebei Corefra Silicon Nitride Material Products & Services
- 4.6.3 Hebei Corefra Silicon Nitride Material Business Operation Conditions

Table Business Operation of Hebei Corefra Silicon Nitride Material (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.7 VestaSi (Company Profile, Sales Data etc.)
 - 4.7.1 VestaSi Profile

Table VestaSi Overview List

- 4.7.2 VestaSi Products & Services
- 4.7.3 VestaSi Business Operation Conditions

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

- 4.8 Jiangxi Sanxin Hi-Tech Ceramics (Company Profile, Sales Data etc.)
 - 4.8.1 Jiangxi Sanxin Hi-Tech Ceramics Profile

Table Jiangxi Sanxin Hi-Tech Ceramics Overview List

- 4.8.2 Jiangxi Sanxin Hi-Tech Ceramics Products & Services
- 4.8.3 Jiangxi Sanxin Hi-Tech Ceramics Business Operation Conditions

Table Business Operation of Jiangxi Sanxin Hi-Tech Ceramics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.9 Hongchen Technology (Company Profile, Sales Data etc.)
 - 4.9.1 Hongchen Technology Profile

Table Hongchen Technology Overview List

- 4.9.2 Hongchen Technology Products & Services
- 4.9.3 Hongchen Technology Business Operation Conditions

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

- 4.10 Combustion Synthesis (Company Profile, Sales Data etc.)
 - 4.10.1 Combustion Synthesis Profile

Table Combustion Synthesis Overview List

- 4.10.2 Combustion Synthesis Products & Services
- 4.10.3 Combustion Synthesis Business Operation Conditions

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

5 MARKET COMPETITION



5.1 Company Competition

Table Global Silicon Nitride Powder Sales Revenue 2016-2020, by Company, in USD Million

Table Global Silicon Nitride Powder Sales Revenue Share 2016-2020, by Company, in USD Million

Figure Global Silicon Nitride Powder Sales Revenue Share in 2020, by Company, in USD Million

Table Global Silicon Nitride Powder Sales Volume 2016-2020, by Company, in Volume Table Global Silicon Nitride Powder Sales Volume Share 2016-2020, by Company, in Volume

Figure Global Silicon Nitride Powder Sales Volume Share in 2020, by Company, in Volume

5.2 Regional Market by Company

Figure North America Silicon Nitride Powder Market Concentration, in 2020

Figure Europe Silicon Nitride Powder Market Market Concentration, in 2020

Figure Asia-Pacific Silicon Nitride Powder MMarket Concentration, in 2020

Figure South America Silicon Nitride Powder Market Concentration, in 2020

Figure Middle East & Africa Silicon Nitride Powder Market Concentration, in 2020

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Solar Energy Industry

Figure Silicon Nitride Powder Demand in Solar Energy Industry, 2016-2020, in USD Million

Figure Silicon Nitride Powder Demand in Solar Energy Industry, 2016-2020, in Volume

6.1.2 Demand in Silicon Nitride Ceramics and Components

Figure Silicon Nitride Powder Demand in Silicon Nitride Ceramics and Components, 2016-2020, in USD Million

Figure Silicon Nitride Powder Demand in Silicon Nitride Ceramics and Components, 2016-2020, in Volume

6.1.3 Demand in LED Industry

Figure Silicon Nitride Powder Demand in LED Industry, 2016-2020, in USD Million

Figure Silicon Nitride Powder Demand in LED Industry, 2016-2020, in Volume

6.1.4 Demand in Others

Figure Silicon Nitride Powder Demand in Others, 2016-2020, in USD Million

Figure Silicon Nitride Powder 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 Silicon Nitride Powder Demand Forecast 2021-2026, by Application, in USD Million

Figure Silicon Nitride Powder Market Growth 2021-2026, by Application, in USD Million Figure Silicon Nitride Powder Market Share in 2026, by Application, in USD Million Table Silicon Nitride Powder Demand Forecast 2021-2026, by Application, in Volume Table Silicon Nitride Powder Market Growth 2021-2026, by Application, in Volume Table Silicon Nitride Powder 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 Silicon Nitride Powder Production 2016-2020, by Region, in USD Million Table Silicon Nitride Powder Production 2016-2020, by Region, in Volume 7.2 Regional Market

Table Global Silicon Nitride Powder Market 2016-2020, by Region, in USD Million Table Global Silicon Nitride Powder Market Share 2016-2020, by Region, in USD Million Table Global Silicon Nitride Powder Market 2016-2020, by Region, in Volume Table Global Silicon Nitride Powder 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 Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million

Figure North America Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume

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

Table North America Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million

Table North America Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million

Figure Europe Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume



7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million Table Europe Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume 7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million

Figure Asia-Pacific Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume

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

Table Asia-Pacific Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million

Table Asia-Pacific Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million

Figure South America Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million

Table South America Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

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

Figure Middle East & Africa Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

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

Table Middle East & Africa Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Silicon Nitride Powder Market Forecast 2021-2026, by Region, in USD Million



Table Silicon Nitride Powder 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 Silicon Nitride Powder
- 2. Table Application Segment of Silicon Nitride Powder
- 3. Table Global Silicon Nitride Powder Market 2016-2026, by Application, in USD Million
- 4. Table Major Company List of Ceramic Grade Silicon Nitride
- 5. Table Major Company List of LED Grade Silicon Nitride
- 6. Table Global Silicon Nitride Powder Market 2016-2020, by Type, in USD Million
- 7. Table Global Silicon Nitride Powder Market 2016-2020, by Type, in Volume
- 8. Table Global Silicon Nitride Powder Market Forecast 2021-2026, by Type, in USD Million
- 9. Table Global Silicon Nitride Powder Market Forecast 2021-2026, by Type, in Volume
- 10. Table UBE Overview List
- 11. Table Business Operation of UBE (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 12. Table AlzChem Overview List
- 13. Table Business Operation of AlzChem (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 14. Table Yantai Tomley Hi-tech Advanced Materials Overview List
- 15. Table Business Operation of Yantai Tomley Hi-tech Advanced Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 16. Table H.C. Starck Overview List
- 17. Table Business Operation of H.C. Starck (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 18. Table Denka Overview List
- 19. Table Business Operation of Denka (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 20. Table Hebei Corefra Silicon Nitride Material Overview List
- 21. Table Business Operation of Hebei Corefra Silicon Nitride Material (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 22. Table VestaSi Overview List
- 23. Table Business Operation of VestaSi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 24. Table Jiangxi Sanxin Hi-Tech Ceramics Overview List
- 25. Table Business Operation of Jiangxi Sanxin Hi-Tech Ceramics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 26. Table Hongchen Technology Overview List
- 27. Table Business Operation of Hongchen Technology (Sales Revenue, Sales Volume,



Price, Cost, Gross Margin)

- 28. Table Combustion Synthesis Overview List
- 29. Table Business Operation of Combustion Synthesis (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- 30. Table Global Silicon Nitride Powder Sales Revenue 2016-2020, by Company, in USD Million
- 31. Table Global Silicon Nitride Powder Sales Revenue Share 2016-2020, by Company, in USD Million
- 32. Table Global Silicon Nitride Powder Sales Volume 2016-2020, by Company, in Volume
- 33. Table Global Silicon Nitride Powder Sales Volume Share 2016-2020, by Company, in Volume
- 34. Table Regional Demand Comparison List
- 35. Table Major Application in Different Regions
- 36. Table Silicon Nitride Powder Demand Forecast 2021-2026, by Application, in USD Million
- 37. Table Silicon Nitride Powder Demand Forecast 2021-2026, by Application, in Volume
- 38. Table Silicon Nitride Powder Market Growth 2021-2026, by Application, in Volume
- 39. Table Silicon Nitride Powder Market Share in 2026, by Application, in Volume
- 40. Table Silicon Nitride Powder Production 2016-2020, by Region, in USD Million
- 41. Table Silicon Nitride Powder Production 2016-2020, by Region, in Volume
- 42. Table Global Silicon Nitride Powder Market 2016-2020, by Region, in USD Million
- 43. Table Global Silicon Nitride Powder Market Share 2016-2020, by Region, in USD Million
- 44. Table Global Silicon Nitride Powder Market 2016-2020, by Region, in Volume
- 45. Table Global Silicon Nitride Powder Market Share 2016-2020, by Region, in Volume
- 46. Table North America Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million
- 47. Table North America Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume
- 48. Table Europe Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million
- 49. Table Europe Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume
- 50. Table Asia-Pacific Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million
- 51. Table Asia-Pacific Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume
- 52. Table South America Silicon Nitride Powder Market Size 2016-2020, by Country, in



USD Million

- 53. Table South America Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume
- 54. Table Middle East & Africa Silicon Nitride Powder Market Size 2016-2020, by Country, in USD Million
- 55. Table Middle East & Africa Silicon Nitride Powder Market Size 2016-2020, by Country, in Volume
- 56. Table Silicon Nitride Powder Market Forecast 2021-2026, by Region, in USD Million
- 57. Table Silicon Nitride Powder Market Forecast 2021-2026, by Region, in Volume
- 58. Table Price Factors List



List Of Figures

LIST OF FIGURES

- 1. Figure Silicon Nitride Powder Industry Chain Structure
- 2. Figure Global Silicon Nitride Powder Market Growth 2016-2020, by Type, in USD Million
- 3. Figure Global Silicon Nitride Powder Market Growth 2016-2020, by Type, in Volume
- 4. Figure Global Silicon Nitride Powder Sales Revenue Share in 2020, by Company, in USD Million
- 5. Figure Global Silicon Nitride Powder Sales Volume Share in 2020, by Company, in Volume
- 6. Figure North America Silicon Nitride Powder Market Concentration, in 2020
- 7. Figure Europe Silicon Nitride Powder Market Market Concentration, in 2020
- 8. Figure Asia-Pacific Silicon Nitride Powder MMarket Concentration, in 2020
- 9. Figure South America Silicon Nitride Powder Market Concentration, in 2020
- 10. Figure Middle East & Africa Silicon Nitride Powder Market Concentration, in 2020
- 11. Figure Silicon Nitride Powder Demand in Solar Energy Industry, 2016-2020, in USD Million
- 12. Figure Silicon Nitride Powder Demand in Solar Energy Industry, 2016-2020, in Volume
- 13. Figure Silicon Nitride Powder Demand in Silicon Nitride Ceramics and Components, 2016-2020, in USD Million
- 14. Figure Silicon Nitride Powder Demand in Silicon Nitride Ceramics and Components, 2016-2020, in Volume
- 15. Figure Silicon Nitride Powder Demand in LED Industry, 2016-2020, in USD Million
- 16. Figure Silicon Nitride Powder Demand in LED Industry, 2016-2020, in Volume
- 17. Figure Silicon Nitride Powder Demand in Others, 2016-2020, in USD Million
- 18. Figure Silicon Nitride Powder Demand in Others, 2016-2020, in Volume
- 19. Figure Silicon Nitride Powder Market Growth 2021-2026, by Application, in USD Million
- 20. Figure Silicon Nitride Powder Market Share in 2026, by Application, in USD Million
- 21. Figure North America Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million
- 22. Figure North America Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume
- 23. Figure Europe Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million
- 24. Figure Europe Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume



- 25. Figure Asia-Pacific Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million
- 26. Figure Asia-Pacific Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume
- 27. Figure South America Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million
- 28. Figure South America Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume
- 29. Figure Middle East & Africa Silicon Nitride Powder Market Size and Growth 2016-2020, in USD Million
- 30. Figure Middle East & Africa Silicon Nitride Powder Market Size and Growth 2016-2020, in Volume
- 31. Figure Marketing Channels Overview



I would like to order

Product name: Global Silicon Nitride Powder Market Analysis 2016-2020 and Forecast 2021-2026

Product link: https://marketpublishers.com/r/GAF785AEC746EN.html

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:

info@marketpublishers.com

Payment

Eirot nomo:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GAF785AEC746EN.html

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

riist iiaiiie.	
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 https://marketpublishers.com/docs/terms.html

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