

Global Needle Coke market Size study, by Type (Petroleum Derived, Coal-tar Pitch Derived), by Application (Graphite Electrodes, Lithium-ion Battery, Other Applications), and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G6EA7612EEFCEN.html>

Date: July 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G6EA7612EEFCEN

Abstracts

Global Needle Coke market is valued at approximately USD XX million in 2020 and is anticipated to grow with a healthy growth rate of more than 12% over the forecast period 2021-2027. In an electric furnace, needle coke is utilised as the principal raw material for graphite electrodes. It is a high-quality, high-value petroleum coke used in the steel industry to make graphite electrodes with a very low coefficient of thermal expansion (CTE) for electric arc furnaces. It takes up to six months to create the electrodes using procedures such as baking and rebaking to transform the coke into graphite. Graphite has a high thermal conductivity and is heat and impact resistant. It also has a low electrical resistance, which is required to conduct the huge electrical currents required to melt iron and can thus withstand extremely high temperatures. Furthermore, because of its larger graphite electrode manufacturing facilities and broad market, China is one of the main consumers and importers of needle coke. Manufacturers of graphite electrodes are primarily focused on producing UHP graphite electrodes for steel manufacturing, boosting the needle coke market over the forecast period. China is the world's largest steel-producing country. China produced roughly 996.3 million tonnes of steel in 2019, compared to 1868.8 million tonnes of total global steel production, accounting for more than half of total global steel output. China is the world's largest manufacturer of lithium-ion batteries. However, impact of COVID-19 pandemic have impeded the market growth over the forecast years.

The regional analysis of the global Needle Coke market is segmented for the key regions such as North America, Europe, Asia Pacific, Latin America, and Rest of the

World (ROW). Asia Pacific is the dominating region across the world in terms of market share due growing demand for graphite electrodes and lithium-ion batteries in the region. Whereas Europe is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to the growing demand for lithium-ion batteries and the rising availability of steel scrap across the region.

Major market player included in this report are:

Baosteel Group

C-Chem Co., Ltd.

China National Petroleum Corporation

JX Nippon Oil & Gas Exploration Corporation

Kaifeng Pingmei New Carbon Material Technology Co. Ltd (KFCC)

Mitsubishi Chemical Corporation

Phillips 66 Company

PMS Tech

Seadrift Coke L.P.

Shandong Jing Yang Technology 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 Type:

Petroleum Derived

Coal-tar Pitch Derived

By Application:

Graphite Electrodes

Lithium-ion Battery

Other Applications

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 – 2017, 2018-19
Base year – 2019-2020
Forecast period – 2021 to 2027.

Target Audience of the Global Needle Coke 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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Needle Coke market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Needle Coke market, by Type, 2019-2027 (USD Billion)
 - 1.2.3. Needle Coke market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL NEEDLE COKE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL NEEDLE COKE MARKET DYNAMICS

- 3.1. Needle Coke market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand for lithium-ion batteries
 - 3.1.1.2. Rising availability of steel scrap in China
 - 3.1.2. Market Restraint
 - 3.1.2.1. Impact of COVID-19 pandemic
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing demand for graphite electrodes and lithium-ion batteries

CHAPTER 4. GLOBAL NEEDLE COKE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL NEEDLE COKE MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Needle Coke market by Type , Performance - Potential Analysis
- 5.3. Global Needle Coke market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Needle Coke market, Sub Segment Analysis
 - 5.4.1. Petroleum Derived
 - 5.4.2. Coal-tar Pitch Derived

CHAPTER 6. GLOBAL NEEDLE COKE MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Needle Coke market by Application, Performance - Potential Analysis
- 6.3. Global Needle Coke market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.4. Needle Coke market, Sub Segment Analysis
 - 6.4.1. Graphite Electrodes
 - 6.4.2. Lithium-ion Battery
 - 6.4.3. Other Applications

CHAPTER 7. GLOBAL NEEDLE COKE MARKET, REGIONAL ANALYSIS

- 7.1. Needle Coke market, Regional Market Snapshot
- 7.2. North America Needle Coke market
 - 7.2.1. U.S. Needle Coke market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2018-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2018-2027

- 7.2.2. Canada Needle Coke market
- 7.3. Europe Needle Coke market Snapshot
 - 7.3.1. U.K. Needle Coke market
 - 7.3.2. Germany Needle Coke market
 - 7.3.3. France Needle Coke market
 - 7.3.4. Spain Needle Coke market
 - 7.3.5. Italy Needle Coke market
 - 7.3.6. Rest of Europe Needle Coke market
- 7.4. Asia-Pacific Needle Coke market Snapshot
 - 7.4.1. China Needle Coke market
 - 7.4.2. India Needle Coke market
 - 7.4.3. Japan Needle Coke market
 - 7.4.4. Australia Needle Coke market
 - 7.4.5. South Korea Needle Coke market
 - 7.4.6. Rest of Asia Pacific Needle Coke market
- 7.5. Latin America Needle Coke market Snapshot
 - 7.5.1. Brazil Needle Coke market
 - 7.5.2. Mexico Needle Coke market
- 7.6. Rest of The World Needle Coke market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Baosteel Group
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. C-Chem Co., Ltd.
 - 8.2.3. China National Petroleum Corporation
 - 8.2.4. JX Nippon Oil & Gas Exploration Corporation
 - 8.2.5. Kaifeng Pingmei New Carbon Material Technology Co. Ltd (KFCC)
 - 8.2.6. Mitsubishi Chemical Corporation
 - 8.2.7. Phillips 66 Company
 - 8.2.8. PMS Tech
 - 8.2.9. Seadrift Coke L.P.
 - 8.2.10. Shandong Jing Yang Technology Co. Ltd

CHAPTER 9. RESEARCH APPLICATION

9.1. Research Application

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Needle Coke market, report scope

TABLE 2. Global Needle Coke market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Needle Coke market estimates & forecasts by Type 2018-2027 (USD Billion)

TABLE 4. Global Needle Coke market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 5. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 6. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global Needle Coke market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global Needle Coke market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. U.S. Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. U.S. Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Canada Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Canada Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Canada Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. UK Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. UK Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. UK Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. Germany Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. Germany Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. Germany Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. France Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. France Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. France Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Spain Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Spain Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Spain Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Italy Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. Italy Needle Coke market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. Italy Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 42. ROE Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. ROE Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 44. ROE Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 45. China Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. China Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 47. China Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 48. India Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. India Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 50. India Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 51. Japan Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Japan Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 53. Japan Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 54. Australia Needle Coke market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 55. Australia Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 56. Australia Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 57. South Korea Needle Coke market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 58. South Korea Needle Coke market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 59. South Korea Needle Coke market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 60. ROPAC Needle Coke market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 61. ROPAC Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 62. ROPAC Needle Coke market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 63. Brazil Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 64. Brazil Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 65. Brazil Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 66. Mexico Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 67. Mexico Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 68. Mexico Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 69. ROLA Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 70. ROLA Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 71. ROLA Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 72. ROW Needle Coke market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 73. ROW Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 74. ROW Needle Coke market estimates & forecasts by segment 2018-2027
(USD Billion)

TABLE 75. List of secondary sources used in the study of global Needle Coke market.

TABLE 76. List of primary sources used in the study of global Needle Coke market.

TABLE 77. Years considered for the study.

TABLE 78. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Needle Coke market, research methodology
- FIG 2. Global Needle Coke market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Needle Coke market, key trends 2019
- FIG 5. Global Needle Coke market, growth prospects 2020-2027
- FIG 6. Global Needle Coke market, porters 5 force model
- FIG 7. Global Needle Coke market, pest analysis
- FIG 8. Global Needle Coke market, value chain analysis
- FIG 9. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Needle Coke market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Needle Coke market, regional snapshot 2018 & 2027
- FIG 18. North America Needle Coke market 2018 & 2027 (USD Billion)
- FIG 19. Europe Needle Coke market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Needle Coke market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Needle Coke market 2018 & 2027 (USD Billion)
- FIG 22. Global Needle Coke market, company market share analysis (2019)

I would like to order

Product name: Global Needle Coke market Size study, by Type (Petroleum Derived, Coal-tar Pitch Derived), by Application (Graphite Electrodes, Lithium-ion Battery, Other Applications), and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G6EA7612EEFCEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6EA7612EEFCEN.html>

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**

Customer 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