

**Coal Tar Pitch Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Grade (Aluminum Grade, Binder and Impregnating Grade, Special Grade), Application (Aluminum Smelting, Graphite Electrodes, Roofing, Carbon Fiber, Refractories, Other), By Region, By Competition, 2020-2030F**

Market Report | 2025-05-16 | 188 pages | TechSci Research

**AVAILABLE LICENSES:**

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

**Report description:**

**Market Overview**

The Global Coal Tar Pitch Market was valued at USD 4.7 billion in 2024 and is projected to reach USD 6.7 billion by 2030, expanding at a CAGR of 5.8% during the forecast period. This market is largely supported by the essential role coal tar pitch plays in the aluminum and steel industries. It is a key binding agent for carbon anodes in the Hall-Heroult process used in aluminum production-a sector seeing increased demand due to the rising adoption of lightweight and energy-efficient materials in automotive and aerospace. Additionally, in steel manufacturing, particularly through electric arc furnaces (EAFs), coal tar pitch is integral to graphite electrode production, aligning with the transition to more sustainable steelmaking practices. Beyond metals, coal tar pitch is utilized in applications like roofing, paving, and protective coatings, driven by infrastructure expansion and urbanization in developing economies. Demand is also rising in the energy storage industry, where pitch-derived graphite plays a role in lithium-ion batteries. Asia-Pacific, especially China and India, dominates the market, supported by vast production capacities in aluminum and steel, making coal tar pitch a vital material for industrial development and innovation.

**Key Market Drivers**

**Rising Demand from the Aluminum Industry**

The growing demand for aluminum in key sectors such as transportation, construction, and packaging is a major factor driving the coal tar pitch market. Coal tar pitch is a critical component in manufacturing carbon anodes used in the Hall-Heroult aluminum smelting process. As these anodes are consumed during smelting and require constant replacement, the demand for coal tar pitch remains strong. The shift towards sustainable and lightweight materials, particularly in electric vehicles (EVs), renewable energy infrastructure, and packaging solutions, has further elevated aluminum consumption. Regions like China, India, Russia, and the

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

Middle East are investing in large-scale aluminum production facilities, thereby increasing coal tar pitch usage. Countries such as India and China are expanding domestic capacity, while the Middle East is developing smelting hubs to diversify their economies and utilize energy resources more effectively.

#### Key Market Challenges

##### Environmental and Regulatory Pressures on Coal-Based Products

The coal tar pitch market faces significant regulatory scrutiny due to environmental concerns surrounding coal-based products. As a by-product of the coal coking process, coal tar pitch contains polycyclic aromatic hydrocarbons (PAHs), some of which are known to be toxic and environmentally hazardous. Regulatory agencies such as the EPA in the U.S. and ECHA in Europe have imposed stringent guidelines to control emissions and handling of these substances. Coal tar pitch has been classified as a substance of very high concern (SVHC) in the EU under REACH regulations, resulting in compliance challenges for exporters. The associated costs of emission control systems, regulatory permits, and maintenance place financial strain on producers-especially small and mid-sized firms. Furthermore, shifting investor sentiment away from coal-derived materials is limiting access to capital, adding pressure on market participants to either innovate or exit.

#### Key Market Trends

##### Technological Advancements and Product Innovation in Pitch Applications

Technological innovations in pitch processing and end-use applications are significantly shaping the coal tar pitch market. There is a growing focus on refining coal tar pitch into high-performance derivatives such as mesophase pitch, which is used to manufacture high-strength carbon fibers and advanced electrodes. These materials are gaining traction in aerospace, defense, and energy storage industries due to their lightweight, durable, and conductive properties. Moreover, coal tar pitch is being developed for use in lithium-ion batteries and supercapacitors, supporting advancements in energy-efficient systems. Enhanced distillation and purification techniques are also enabling the production of pitch with improved softening points and higher carbon content, improving performance in aluminum and steel production. Automation and real-time digital controls in manufacturing are improving process efficiency, quality consistency, and compliance with environmental standards. These innovations are particularly prominent in technologically advanced regions like Japan, Germany, and the United States.

#### Key Market Players

- Bathco Ltd
- Bilbaina de Alquitranes, S.A.
- Coopers Creek Chemical Corporation
- Crowley Chemical Company, Inc.
- DEZA a. s
- Hengshui Zehao Chemicals Co., Ltd.
- Himadri Speciality Chemicals Ltd
- JFE Chemical Corporation
- Koppers Inc.
- Mitsubishi Chemical Corporation

#### Report Scope:

In this report, the Global Coal Tar Pitch Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- Coal Tar Pitch Market, By Grade:
  - o Aluminum Grade
  - o Binder and Impregnating Grade
  - o Special Grade
- Coal Tar Pitch Market, By Application:
  - o Aluminum Smelting
  - o Graphite Electrodes
  - o Roofing
  - o Carbon Fiber

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- o Refractories
- o Other
- Coal Tar Pitch Market, By Region:
  - o North America
    - United States
    - Canada
    - Mexico
  - o Europe
    - Germany
    - France
    - United Kingdom
    - Italy
    - Spain
  - o Asia Pacific
    - China
    - India
    - Japan
    - South Korea
    - Australia
  - o South America
    - Brazil
    - Colombia
    - Argentina
  - o Middle East & Africa
    - Saudi Arabia
    - UAE
    - South Africa

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Coal Tar Pitch Market.

#### Available Customizations:

Global Coal Tar Pitch Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

- Detailed analysis and profiling of additional market players (up to five).

### Table of Contents:

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations
2. Research Methodology
  - 2.1. Objective of the Study
  - 2.2. Baseline Methodology
  - 2.3. Key Industry Partners

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations
- 3. Executive Summary
  - 3.1. Overview of the Market
  - 3.2. Overview of Key Market Segmentations
  - 3.3. Overview of Key Market Players
  - 3.4. Overview of Key Regions/Countries
  - 3.5. Overview of Market Drivers, Challenges, and Trends
- 4. Voice of Customer
- 5. Global Coal Tar Pitch Market Outlook
  - 5.1. Market Size & Forecast
    - 5.1.1. By Value
  - 5.2. Market Share & Forecast
    - 5.2.1. By Grade (Aluminum Grade, Binder and Impregnating Grade, Special Grade)
    - 5.2.2. By Application (Aluminum Smelting, Graphite Electrodes, Roofing, Carbon Fiber, Refractories, Other)
    - 5.2.3. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)
  - 5.3. By Company (2024)
  - 5.4. Market Map
- 6. North America Coal Tar Pitch Market Outlook
  - 6.1. Market Size & Forecast
    - 6.1.1. By Value
  - 6.2. Market Share & Forecast
    - 6.2.1. By Grade
    - 6.2.2. By Application
    - 6.2.3. By Country
  - 6.3. North America: Country Analysis
    - 6.3.1. United States Coal Tar Pitch Market Outlook
      - 6.3.1.1. Market Size & Forecast
        - 6.3.1.1.1. By Value
      - 6.3.1.2. Market Share & Forecast
        - 6.3.1.2.1. By Grade
        - 6.3.1.2.2. By Application
    - 6.3.2. Canada Coal Tar Pitch Market Outlook
      - 6.3.2.1. Market Size & Forecast
        - 6.3.2.1.1. By Value
      - 6.3.2.2. Market Share & Forecast
        - 6.3.2.2.1. By Grade
        - 6.3.2.2.2. By Application
    - 6.3.3. Mexico Coal Tar Pitch Market Outlook
      - 6.3.3.1. Market Size & Forecast
        - 6.3.3.1.1. By Value
      - 6.3.3.2. Market Share & Forecast
        - 6.3.3.2.1. By Grade
        - 6.3.3.2.2. By Application
- 7. Europe Coal Tar Pitch Market Outlook

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Grade
  - 7.2.2. By Application
  - 7.2.3. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. Germany Coal Tar Pitch Market Outlook
    - 7.3.1.1. Market Size & Forecast
      - 7.3.1.1.1. By Value
    - 7.3.1.2. Market Share & Forecast
      - 7.3.1.2.1. By Grade
      - 7.3.1.2.2. By Application
  - 7.3.2. France Coal Tar Pitch Market Outlook
    - 7.3.2.1. Market Size & Forecast
      - 7.3.2.1.1. By Value
    - 7.3.2.2. Market Share & Forecast
      - 7.3.2.2.1. By Grade
      - 7.3.2.2.2. By Application
  - 7.3.3. United Kingdom Coal Tar Pitch Market Outlook
    - 7.3.3.1. Market Size & Forecast
      - 7.3.3.1.1. By Value
    - 7.3.3.2. Market Share & Forecast
      - 7.3.3.2.1. By Grade
      - 7.3.3.2.2. By Application
  - 7.3.4. Italy Coal Tar Pitch Market Outlook
    - 7.3.4.1. Market Size & Forecast
      - 7.3.4.1.1. By Value
    - 7.3.4.2. Market Share & Forecast
      - 7.3.4.2.1. By Grade
      - 7.3.4.2.2. By Application
  - 7.3.5. Spain Coal Tar Pitch Market Outlook
    - 7.3.5.1. Market Size & Forecast
      - 7.3.5.1.1. By Value
    - 7.3.5.2. Market Share & Forecast
      - 7.3.5.2.1. By Grade
      - 7.3.5.2.2. By Application
- 8. Asia Pacific Coal Tar Pitch Market Outlook
  - 8.1. Market Size & Forecast
    - 8.1.1. By Value
  - 8.2. Market Share & Forecast
    - 8.2.1. By Grade
    - 8.2.2. By Application
    - 8.2.3. By Country
  - 8.3. Asia Pacific: Country Analysis
    - 8.3.1. China Coal Tar Pitch Market Outlook
      - 8.3.1.1. Market Size & Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 8.3.1.1.1. By Value
- 8.3.1.2. Market Share & Forecast
- 8.3.1.2.1. By Grade
- 8.3.1.2.2. By Application
- 8.3.2. India Coal Tar Pitch Market Outlook
- 8.3.2.1. Market Size & Forecast
- 8.3.2.1.1. By Value
- 8.3.2.2. Market Share & Forecast
- 8.3.2.2.1. By Grade
- 8.3.2.2.2. By Application
- 8.3.3. Japan Coal Tar Pitch Market Outlook
- 8.3.3.1. Market Size & Forecast
- 8.3.3.1.1. By Value
- 8.3.3.2. Market Share & Forecast
- 8.3.3.2.1. By Grade
- 8.3.3.2.2. By Application
- 8.3.4. South Korea Coal Tar Pitch Market Outlook
- 8.3.4.1. Market Size & Forecast
- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
- 8.3.4.2.1. By Grade
- 8.3.4.2.2. By Application
- 8.3.5. Australia Coal Tar Pitch Market Outlook
- 8.3.5.1. Market Size & Forecast
- 8.3.5.1.1. By Value
- 8.3.5.2. Market Share & Forecast
- 8.3.5.2.1. By Grade
- 8.3.5.2.2. By Application
- 9. Middle East & Africa Coal Tar Pitch Market Outlook
- 9.1. Market Size & Forecast
- 9.1.1. By Value
- 9.2. Market Share & Forecast
- 9.2.1. By Grade
- 9.2.2. By Application
- 9.2.3. By Country
- 9.3. Middle East & Africa: Country Analysis
- 9.3.1. Saudi Arabia Coal Tar Pitch Market Outlook
- 9.3.1.1. Market Size & Forecast
- 9.3.1.1.1. By Value
- 9.3.1.2. Market Share & Forecast
- 9.3.1.2.1. By Grade
- 9.3.1.2.2. By Application
- 9.3.2. UAE Coal Tar Pitch Market Outlook
- 9.3.2.1. Market Size & Forecast
- 9.3.2.1.1. By Value
- 9.3.2.2. Market Share & Forecast
- 9.3.2.2.1. By Grade

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 9.3.2.2.2. By Application
- 9.3.3. South Africa Coal Tar Pitch Market Outlook
  - 9.3.3.1. Market Size & Forecast
    - 9.3.3.1.1. By Value
  - 9.3.3.2. Market Share & Forecast
    - 9.3.3.2.1. By Grade
    - 9.3.3.2.2. By Application
- 10. South America Coal Tar Pitch Market Outlook
  - 10.1. Market Size & Forecast
    - 10.1.1. By Value
  - 10.2. Market Share & Forecast
    - 10.2.1. By Grade
    - 10.2.2. By Application
    - 10.2.3. By Country
  - 10.3. South America: Country Analysis
    - 10.3.1. Brazil Coal Tar Pitch Market Outlook
      - 10.3.1.1. Market Size & Forecast
        - 10.3.1.1.1. By Value
      - 10.3.1.2. Market Share & Forecast
        - 10.3.1.2.1. By Grade
        - 10.3.1.2.2. By Application
    - 10.3.2. Colombia Coal Tar Pitch Market Outlook
      - 10.3.2.1. Market Size & Forecast
        - 10.3.2.1.1. By Value
      - 10.3.2.2. Market Share & Forecast
        - 10.3.2.2.1. By Grade
        - 10.3.2.2.2. By Application
    - 10.3.3. Argentina Coal Tar Pitch Market Outlook
      - 10.3.3.1. Market Size & Forecast
        - 10.3.3.1.1. By Value
      - 10.3.3.2. Market Share & Forecast
        - 10.3.3.2.1. By Grade
        - 10.3.3.2.2. By Application
- 11. Market Dynamics
  - 11.1. Drivers
  - 11.2. Challenges
- 12. Market Trends and Developments
  - 12.1. Merger & Acquisition (If Any)
  - 12.2. Product Launches (If Any)
  - 12.3. Recent Developments
- 13. Company Profiles
  - 13.1. Bathco Ltd
    - 13.1.1. Business Overview
    - 13.1.2. Key Revenue and Financials
    - 13.1.3. Recent Developments
    - 13.1.4. Key Personnel
    - 13.1.5. Key Product/Services Offered

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 13.2. Bilbaina de Alquitrane, S.A.
- 13.3. Coopers Creek chemical corporation
- 13.4. Crowley Chemical Company, Inc.
- 13.5. DEZA a. s
- 13.6. Hengshui Zehao Chemicals Co., Ltd.
- 13.7. Himadri Speciality Chemicals Ltd
- 13.8. JFE Chemical Corporation
- 13.9. Koppers Inc.
- 13.10. Mitsubishi Chemical Corporation.
- 14. Strategic Recommendations
- 15. About Us & Disclaimer

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Coal Tar Pitch Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Grade (Aluminum Grade, Binder and Impregnating Grade, Special Grade), Application (Aluminum Smelting, Graphite Electrodes, Roofing, Carbon Fiber, Refractories, Other), By Region, By Competition, 2020-2030F**

Market Report | 2025-05-16 | 188 pages | TechSci Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

| Select license | License                 | Price     |
|----------------|-------------------------|-----------|
|                | Single User License     | \$4500.00 |
|                | Multi-User License      | \$5500.00 |
|                | Custom Research License | \$8000.00 |
|                |                         | VAT       |
|                |                         | Total     |

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

|               |                      |                               |                      |
|---------------|----------------------|-------------------------------|----------------------|
| Email*        | <input type="text"/> | Phone*                        | <input type="text"/> |
| First Name*   | <input type="text"/> | Last Name*                    | <input type="text"/> |
| Job title*    | <input type="text"/> |                               |                      |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/> |
| Address*      | <input type="text"/> | City*                         | <input type="text"/> |
| Zip Code*     | <input type="text"/> | Country*                      | <input type="text"/> |

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2025-06-21

Signature



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)