

## **United Kingdom Carbon Black Market Report and Forecast 2022-2027**

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### **Report description:**

United Kingdom Carbon Black Market Report and Forecast 2022-2027

Market Outlook

According to the report by Expert Market Research (EMR), the United Kingdom carbon black market has been accessed to attain a value of USD 240.5 million in 2021. Aided by the rising use of carbon black in automobile tyres, the market is projected to further grow at a CAGR of 5.7% between 2022 and 2027 to reach a value of USD 347.8 million by 2027.

Carbon black is a product that is made from the incomplete combustion of coal, vegetable matter, and petroleum products, among others. The major product types of carbon black are acetylene black, furnace black, thermal black, and others. Also, its availability in diverse grades, such as speciality and rubber, is contributing to the carbon black market development.

The exceptional characteristics of carbon black, such as increased abrasion resistance, tensile strength, higher hysteresis, smaller particle size, and electrical conductivity, among others, are leading to its increased utilisation in various end-use sectors. The rapid urbanisation in developing countries is resulting in the expanding application of carbon black as an electric conductive agent, reinforcement agent, and antistatic additive agent. The other applications of carbon black include tyres, MRG, inks, toners, coatings, paints, and polymers, among others.

Carbon blacks are extensively utilised to produce tyres with improved tensile strength and abrasion resistance for greater mileage and better performance under extreme weather conditions. Thus, the rising demand for autonomous and electric vehicles owing to improved living standards is expected to favour the carbon black market expansion.

Moreover, the increasing inclination towards recovered carbon black as an alternative to virgin carbon black to promote circular economy is providing a further impetus to the market. Additionally, there is a robust demand for speciality carbon blacks in food packaging applications that meet strict food contact requirements established by government bodies.

Also, the expanding paints and coatings sector in the UK is expected to drive the use of speciality carbon black as a raw material owing to its exceptional tinting strength and dispersibility. The growing e-commerce sector is driving the demand for plastic packaging in the country, which is expected to enhance the use of carbon black in the sector.

The increasing construction activities in the country and the utilisation of thermal carbon black owing to its thermal insulation benefits and large primary particles are accelerating the carbon black market growth. Carbon black offers cracking resistance and so is utilised in road engineering applications. Thus, the introduction of favourable government initiatives towards the

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construction, maintenance, and resurfacing of roads to ensure safety is supporting the market expansion.

The increasing research and development activities to develop superior carbon black products to meet customer expectations are among the major carbon black market trends in the UK. For instance, in October 2021, Cabot Corporation launched VULCAN 3-LP carbon black. The new low polycyclic aromatic hydrocarbon (PAH) product is specifically made for applications, such as consumer rubber goods that require low PAH content.

The technological advancements in carbon black production are also benefitting the carbon black market expansion. In December 2021, PCBL inaugurated a new state-of-the-art QA lab at its Palej unit. The company intends to offer cutting-edge solutions and expand its product portfolio. The lab is to maintain the quality and consistency of products in order to meet global standards and customer expectations.

The initiatives taken by the market players in expanding the manufacturing capacity of carbon black are likely to support the market growth over the forecast period. In March 2022, Cabot Corporation acquired Tokai Carbon (Tianjin) Co., Ltd from Tokai Carbon Group to expand its manufacturing capacity of battery grade carbon black to meet the growing demand for lithium-ion batteries.

#### Market Segmentation

The United Kingdom carbon black market has been divided on the basis of products, grades, and end uses.

#### Market Breakup by Products

- Acetylene Black
- Furnace Black
- Thermal Black
- Others

#### Market Segmentation by Grade

- Speciality Grade
- Rubber Grade
  - o□ N1XX - N3XX
  - o□ N4XX - N7XX
  - o□ N8XX - N9XX
  - o□ Others

#### Market Breakup by End Use

- Industrial
- Printing and Packaging
- Building and Construction
- Transportation
- Others

#### Competitive Landscape

The EMR report looks into the plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments of the leading companies in the market. Some of the major players explored in the report by Expert Market Research are as follows:

- Waverly Carbon Ltd
- Cabot Corporation
- Tokai Carbon Co., Ltd
- PanaSystem Handels GmbH
- Others

\*We at Expert Market Research always strive to give you the latest information. The numbers in the article are only indicative and may be different from the actual report.

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## Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
  - 3.1 Market Definition and Outlook
  - 3.2 Properties and Applications
  - 3.3 Market Analysis
  - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments
  - 5.4 Competitive Structure
  - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 United Kingdom Carbon Black Market Analysis
  - 8.1 Key Industry Highlights
  - 8.2 United Kingdom Carbon Black Historical Market (2017-2021)
  - 8.3 United Kingdom Carbon Black Market Forecast (2022-2027)
  - 8.4 United Kingdom Carbon Black Market by Products
    - 8.4.1 Acetylene Black
      - 8.4.1.1 Market Share
      - 8.4.1.2 Historical Trend (2017-2021)
      - 8.4.1.3 Forecast Trend (2022-2027)
    - 8.4.2 Furnace Black
      - 8.4.2.1 Market Share
      - 8.4.2.2 Historical Trend (2017-2021)
      - 8.4.2.3 Forecast Trend (2022-2027)
    - 8.4.3 Thermal Black
      - 8.4.3.1 Market Share
      - 8.4.3.2 Historical Trend (2017-2021)
      - 8.4.3.3 Forecast Trend (2022-2027)
    - 8.4.4 Others
  - 8.5 United Kingdom Carbon Black Market by Grade
    - 8.5.1 Speciality Grade
      - 8.5.1.1 Market Share
      - 8.5.1.2 Historical Trend (2017-2021)
      - 8.5.1.3 Forecast Trend (2022-2027)
    - 8.5.2 Rubber Grade
      - 8.5.2.1 Market Share
      - 8.5.2.2 Historical Trend (2017-2021)
      - 8.5.2.3 Forecast Trend (2022-2027)
      - 8.5.2.4 Breakup by Type
        - 8.5.2.4.1 N1XX - N3XX
        - 8.5.2.4.2 N4XX - N7XX

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- 8.5.2.4.3 N8XX - N9XX
- 8.5.2.4.4 Others
- 8.6 United Kingdom Carbon Black Market by End Use
  - 8.6.1 Industrial
    - 8.6.1.1 Market Share
    - 8.6.1.2 Historical Trend (2017-2021)
    - 8.6.1.3 Forecast Trend (2022-2027)
  - 8.6.2 Printing and Packaging
    - 8.6.2.1 Market Share
    - 8.6.2.2 Historical Trend (2017-2021)
    - 8.6.2.3 Forecast Trend (2022-2027)
  - 8.6.3 Building and Construction
    - 8.6.3.1 Market Share
    - 8.6.3.2 Historical Trend (2017-2021)
    - 8.6.3.3 Forecast Trend (2022-2027)
  - 8.6.4 Transportation
    - 8.6.4.1 Market Share
    - 8.6.4.2 Historical Trend (2017-2021)
    - 8.6.4.3 Forecast Trend (2022-2027)
  - 8.6.5 Others
- 9 Market Dynamics
  - 9.1 SWOT Analysis
    - 9.1.1 Strengths
    - 9.1.2 Weaknesses
    - 9.1.3 Opportunities
    - 9.1.4 Threats
  - 9.2 Porter's Five Forces Analysis
    - 9.2.1 Supplier's Power
    - 9.2.2 Buyer's Power
    - 9.2.3 Threat of New Entrants
    - 9.2.4 Degree of Rivalry
    - 9.2.5 Threat of Substitutes
  - 9.3 Key Indicators for Demand
  - 9.4 Key Indicators for Price
- 10 Value Chain Analysis
- 11 Trade Data Analysis
  - 11.1 Major Importing Countries
    - 11.1.1 By Volume
    - 11.1.2 By Value
  - 11.2 Major Exporting Countries
    - 11.2.1 By Volume
    - 11.2.2 By Value
- 12 Price Analysis
- 13 Competitive Landscape
  - 13.1 Market Structure
  - 13.2 Company Profiles
    - 13.2.1 Waverly Carbon Ltd

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- 13.2.1.1 Company Overview
- 13.2.1.2 Product Portfolio
- 13.2.1.3 Demographic Reach and Achievements
- 13.2.1.4 Certifications
- 13.2.2 Cabot Corporation
  - 13.2.2.1 Company Overview
  - 13.2.2.2 Product Portfolio
  - 13.2.2.3 Demographic Reach and Achievements
  - 13.2.2.4 Certifications
- 13.2.3 Tokai Carbon Co., Ltd
  - 13.2.3.1 Company Overview
  - 13.2.3.2 Product Portfolio
  - 13.2.3.3 Demographic Reach and Achievements
  - 13.2.3.4 Certifications
- 13.2.4 PanaSystem Handels GmbH
  - 13.2.4.1 Company Overview
  - 13.2.4.2 Product Portfolio
  - 13.2.4.3 Demographic Reach and Achievements
  - 13.2.4.4 Certifications
- 13.2.5 Others
- 14 Industry Events and Developments

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