Carbon Black – A Global Market Overview

“The report reviews, analyzes and projects the global market for Carbon Black for the period 2015-2024. Carbon Black types analyzed in this study include Acetylene Carbon Black, Furnace Carbon Black, Thermal Carbon Black and Other Carbon Blacks. The report further explores Furnace Carbon Black market by sub-type consisting of Carcass Grade Furnace Carbon Black and Tread Grade Furnace Carbon Black. The report explores Carbon Black market with respect to Carbon Black grades segmented in to Reinforced Grade, Semi-Reinforced Grade and Specialty Grade. The study also analyzes the Carbon Black market by application – Tires, Non-Tire Rubber Products, Paints & Coatings, Plastics, Printing Inks & Toners and Other Applications.”

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Report Synopsis

Carbon black becoming an integral component of high-performance coatings can be attributed to its superior properties, such as resistance to high wear & tear, ability to withstand adverse weather conditions and insulation features. Another trend being witnessed is a move towards "green" carbon black, which is obtained from end-of-life discarded tires through a process called pyrolysis. All these factors augur a steady positive growth in demand for carbon black.

Automotive & Transportation sector is the principal global volume market for Carbon Black, which is estimated at 8.7 million metric tons in 2019 and is anticipated to post a 2018-2024 CAGR of 5.4% in reaching a projected 11.4 million metric tons, valued at US$13.2 billion, by 2024. Printing & Packaging sector is anticipated to be the fastest growing market for Carbon Black in terms of both volume and value.

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
Major companies profiled – 45
The industry guide includes the contact details for 202 companies

Product Outline

The report analyzes the market for the key types/sub-types of Ion Exchangers including:
- Acetylene CB
- Furnace CB
  - Carcass Grade Furnace Carbon Black (CB)
  - Tread Grade Furnace Carbon Black (CB)
- Thermal CB
- Other CBs

The market for the Grades of Carbon Black analyzed in this report comprise the following:
- Reinforced Grade
- Semi-Reinforced Grade
- Specialty Grade

Application Areas market of Ion Exchangers studied in this report includes:
- Tires
- Non-Tire Rubber Products
- Paints & Coatings
- Plastics
- Printing Inks & Toners
- Others

End-Use Sector markets of Carbon Black explored in this report includes:
- Automotive & Transportation
- Building & Construction
- Industrial
- Printing & Packaging
- Others

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Carbon Black market for the period 2015-2024 in terms of volume in Metric Tons and value in US$ and the compound annual growth rates (CAGRs) projected from 2018 through 2024

Geographic Coverage

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Indonesia, Japan, South Korea, Thailand and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World
CONTINENTAL CARBON COMPANY
16850 Park Row, Houston, TX 77084, United States
Phone: 281-647-3700, Fax: 281.647.3845
Website: www.continentalcarbon.com

Business Overview
Continental Carbon Company (CCC) provides carbon based products including carbon black both domestically and internationally. The company’s teams of scientists, engineers and technical support staff work together to bring patented reactor innovations and technologies as well as key products to the rubber goods market place. The company started its first carbon black plant in 1936 and followed with its second facility in 1954. The company visions to be a quality conscious, ethical, and preferred developer, manufacturer, and marketer of carbon products. The creation of shareholder value is inextricably linked to the ability to provide quality products, innovative technological solutions for specific applications, and on time delivery of goods and services. CCC operates 3 manufacturing facilities in the US: Sunray, TX, Ponca City, OK, and Phenix City, AL and leverages its geographic positioning and proximity to benefit its customer base. The company recently established EMEA and APAC regional headquarters in Brussels to become a global leader in the manufacture and distribution of Carbon Black. The company’s Houston Technical Center offers a wide range of analytical tests and characterizations for carbon materials and performance properties in a variety of applications. CCC’s Rubber testing capabilities includes abrasion testing, variable temperature dynamic properties (tangent delta, loss modulus, elastic modulus, and complex modulus), stress-strain, hardness, cure characteristics (MDR), Mooney viscosity, Mooney scorch, rebound resilience (Zwick rebound), compression set, carbon black dispersion, and processing characteristics (MDPT).

The company partners include Rice University and the Université de Haute Alsace that offer access to sophisticated characterization methods such as HRTEM, SEM/EDX, AFM/STM microscopy in polymer matrices, Inverse Gas Chromatography and X-ray Photoelectron Spectroscopy.

Product Analysis

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>Industrial Rubber Carbon Blacks</td>
<td>Industrial Rubber Carbon Blacks offer a wide array of product qualities for rubber applications. N550: Carcass grade black with low surface area, and does not impart good abrasion resistance. The product is a good dimensional stability for extruded profiles, hoses, belts, brake diaphragms, and plastic piping. N650: The product is a good weather stripping extrusions, roofing, hoses, o-rings, innertubes, body mounts, and cables. N660: The product is used for inner tubes cable insulation, and body mounts. N683: used in mounts, and cables. N762: The carbon black grade is used in hoses, molded goods and solutions. N774: This grade is used in belts, hoses, molded goods, and footwear.</td>
</tr>
</tbody>
</table>

SAMPLE COMPANY PROFILE

SAMPLE TABLE/CHART

Glance at 2018 Global Carbon Black Market Share (%) by Region – North America, Europe, Asia-Pacific, South America and Rest of World

Asia-Pacific Carbon Black Market Analysis (2015-2024) by Application – Tires, Non-Tire Rubber Products, Paints & Coatings, Plastics, Printing Inks & Toners and Other Applications in Thousand Metric Tons

KEY PLAYERS PROFILED
- Asahi Carbon Co., Ltd.
- Birla Carbon India Private Limited
- Black Bear Carbon BV
- Cabot Corporation
- China Synthetic Rubber Corporation
- Jinneng Science and Technology Company Limited
- Longxing Chemical Stock Co., Ltd.
- Mitsubishi Chemical Corporation
- Monolith Materials, Inc.
- OCI Company Ltd
- Omsk Carbon Group OOO
- Orion Engineered Carbons S.A.
- Phillips Carbon Black Limited
- Qingzhou Boao Carbon Black Co., Ltd.
- Shandong Huadong Rubber Materials Co., Ltd.
- Tokai Carbon Co., Ltd.

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