

Carbon Black Market Analysis By Application (Tires, High Performance Coatings, Plastics) And Segment Forecasts To 2022

<https://marketpublishers.com/r/C787D21951CEN.html>

Date: April 2016

Pages: 87

Price: US\$ 5,950.00 (Single User License)

ID: C787D21951CEN

Abstracts

The global carbon black market is expected to reach USD 28.05 billion by 2022, according to a new report by Grand View Research, Inc. Increasing automotive sales and consequent rise in tire production is expected to drive industry growth over the forecast period.

High demand for plastics and high performance coatings in automotive manufacturing is also expected to have a positive influence on the market growth. Carbon black provides electrical conductivity and antistatic properties to many plastic products ranging from insulation materials to highly conductive areas.

Policies aimed at reducing GHG emissions during carbon black production processes may hamper growth trajectory over the forecast period. Since the production process is highly energy intensive, optimization of processes and greener & sustainable alternatives are paramount to tackle such issues in future.

Further key findings from the report suggest:

Global carbon black market demand was 11.99 million tons in 2014 and is expected to reach 16.40 million tons by 2022, growing at a CAGR of 3.9% from 2015 to 2022

Tires were the leading application segment and accounted for over 70% of the overall volume in 2014. Increasing passenger car sales and a robust aftermarket and OEM sectors of automotive industry are expected to drive tire production, thereby increasing carbon black consumption over the forecast period.

Plastics are expected to be the fastest growing application segment at a CAGR of 4.3% from 2015 to 2022. Increasing usage of specialty grades for improving electrical conductivity, better UV resistance and antistatic properties in plastics is expected spur growth.

Asia Pacific dominated the global market with demand share estimated 54.8% in 2014. Increasing carbon black demand in plastics, general rubber goods and tire manufacturing particularly from emerging economies of China, India, and Indonesia is expected to drive the regional market over the forecast period. Mature markets of North America and Europe are characterized by increasing regulatory intervention to reduce greenhouse gas emissions during carbon black production.

The industry has a presence of large multinational corporations who have integrated their operations, i.e., from feedstock to carbon black production. Compared to independent manufacturers, these companies enjoy a distinct advantage of cutting down on raw material procurement costs.

Key players in the global carbon black industry include OJSC Kremenchug, OMSK Carbon Group, Tokai Carbon Co. Ltd., Sid Richardson Carbon & Energy Co., Ralson Goodluck Carbon, Asahi Carbon Co. Ltd., Atlas Organic Pvt. Ltd., Continental Carbon, OCI Co. Ltd., Birla Carbon and Cabot Corp.

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research methodology
- 1.2 Research scope and assumptions
- 1.3 List of data sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Carbon Black – Industry Summary & Key Buying Criteria, 2012-2022

CHAPTER 3 CARBON BLACK INDUSTRY OUTLOOK

- 3.1 Market segmentation
- 3.2 Market size and growth prospects, 2012 - 2022
- 3.3 Carbon black value chain analysis
 - 3.3.1 Vendor landscape
- 3.4 Regulatory framework
- 3.5 Production cost breakdown
- 3.6 Carbon black market dynamics
 - 3.6.1 Market driver analysis
 - 3.6.1.1 Increasing tire production
 - 3.6.1.2 High demand for plastics
 - 3.6.1.3 Increasing rubber goods production
 - 3.6.2 Market restraint analysis
 - 3.6.2.1 Stringent regulations
- 3.7 Key opportunities prioritized
- 3.8 Industry analysis – Porter's
- 3.9 Carbon black company heat map analysis
- 3.10 Carbon black PESTEL analysis

CHAPTER 4 CARBON BLACK APPLICATION OUTLOOK

- 4.1 Global carbon black market volume share by application, 2014 & 2022
- 4.2 Tires
 - 4.2.1 Market estimates & forecasts, 2012 - 2022
 - 4.2.2 Market estimates & forecasts by region, 2012 - 2022
- 4.3 High performance coatings

- 4.3.1 Market estimates & forecasts, 2012 - 2022
- 4.3.2 Market estimates & forecasts by region, 2012 - 2022
- 4.4 Plastics
 - 4.4.1 Market estimates & forecasts, 2012 - 2022
 - 4.4.2 Market estimates & forecasts by region, 2012 - 2022
- 4.5 Others
 - 4.5.1 Market estimates & forecasts, 2012 - 2022
 - 4.5.2 Market estimates & forecasts by region, 2012 - 2022

CHAPTER 5 CARBON BLACK REGIONAL OUTLOOK

- 5.1 Global carbon black market volume share by region, 2014 & 2022
- 5.2 North America
 - 5.2.1 Market estimates & forecasts, 2012 - 2022
 - 5.2.2 Market estimates & forecasts by application, 2012 - 2022
 - 5.2.3 U.S.
 - 5.2.3.1 Market estimates & forecasts, 2012 - 2022
 - 5.2.3.2 Market estimates & forecasts by application, 2012 - 2022
- 5.3 Europe
 - 5.3.1 Market estimates & forecasts, 2012 - 2022
 - 5.3.2 Market estimates & forecasts by application, 2012 - 2022
 - 5.3.3 UK
 - 5.3.3.1 Market estimates & forecasts, 2012 - 2022
 - 5.3.3.2 Market estimates & forecasts by application, 2012 - 2022
- 5.4 Asia Pacific
 - 5.4.1 Market estimates & forecasts, 2012 - 2022
 - 5.4.2 Market estimates & forecasts by application, 2012 - 2022
 - 5.4.3 China
 - 5.4.3.1 Market estimates & forecasts, 2012 - 2022
 - 5.4.3.2 Market estimates & forecasts by application, 2012 - 2022
- 5.5 Latin America
 - 5.5.1 Market estimates & forecasts, 2012 - 2022
 - 5.5.2 Market estimates & forecasts by application, 2012 - 2022
 - 5.5.3 Brazil
 - 5.5.3.1 Market estimates & forecasts, 2012 - 2022
 - 5.5.3.2 Market estimates & forecasts by application, 2012 - 2022
- 5.6 Middle East & Africa (MEA)
 - 5.6.1 Market estimates & forecasts, 2012 - 2022
 - 5.6.2 Market estimates & forecasts by application, 2012 - 2022

5.6.3 UAE

5.6.3.1 Market estimates & forecasts, 2012 - 2022

5.6.3.2 Market estimates & forecasts by application, 2012 - 2022

CHAPTER 6 COMPETITIVE LANDSCAPE

6.1 OJSC Kremenchug

6.1.1 Company Overview

6.1.2 Financial Performance

6.1.3 Product Benchmarking

6.2 OMSK Carbon Group

6.2.1 Company Overview

6.2.2 Financial Performance

6.2.3 Product Benchmarking

6.2.4 Strategic Initiatives

6.3 Sid Richardson Carbon & Energy Co.

6.3.1 Company Overview

6.3.2 Financial Performance

6.3.3 Product Benchmarking

6.4 Tokai Carbon Co. Ltd.

6.4.1 Company Overview

6.4.2 Financial Performance

6.4.3 Product Benchmarking

6.4.4 Strategic Initiatives

6.5 Asahi Carbon Co. Ltd.

6.5.1 Company Overview

6.5.2 Financial Performance

6.5.3 Product Benchmarking

6.6 Ralson Goodluck Carbon

6.6.1 Company Overview

6.6.2 Financial Performance

6.6.3 Product Benchmarking

6.7 Atlas Organic Pvt. Ltd.

6.7.1 Company Overview

6.7.2 Financial Performance

6.7.3 Product Benchmarking

6.8 Continental Carbon Co.

6.8.1 Company Overview

6.8.2 Financial Performance

- 6.8.3 Product Benchmarking
- 6.8.4 Strategic Initiatives
- 6.9 OCI Company Ltd.
 - 6.9.1 Company Overview
 - 6.9.2 Financial Performance
 - 6.9.3 Product Benchmarking
 - 6.9.4 Strategic Initiatives
- 6.10 Birla Carbon
 - 6.10.1 Company Overview
 - 6.10.2 Financial Performance
 - 6.10.3 Product Benchmarking
 - 6.10.4 Strategic Initiatives
- 6.11 Bridgestone Corp.
 - 6.11.1 Company Overview
 - 6.11.2 Financial Performance
 - 6.11.3 Product Benchmarking
- 6.12 Cabot Corp.
 - 6.12.1 Company Overview
 - 6.12.2 Financial Performance
 - 6.12.3 Product Benchmarking
 - 6.12.4 Strategic Initiatives
- 6.13 China Synthetic Rubber Corporation (CSRC)
 - 6.13.1 Company Overview
 - 6.13.2 Financial Performance
 - 6.13.3 Product Benchmarking
- 6.14 Himadri Companies & Industries Ltd. (HCIL)
 - 6.14.1 Company Overview
 - 6.14.2 Financial Performance
 - 6.14.3 Product Benchmarking
- 6.15 Mitsubishi Chemicals
 - 6.15.1 Company Overview
 - 6.15.2 Financial Performance
 - 6.15.3 Product Benchmarking
- 6.16 Nippon Steel & Sumikin Chemical Co. Ltd.
 - 6.16.1 Company Overview
 - 6.16.2 Financial Performance
 - 6.16.3 Product Benchmarking
 - 6.16.4 Strategic Initiatives
- 6.17 Jiangxi Black Cat Carbon Black Inc.

- 6.17.1 Company Overview
- 6.17.2 Financial Performance
- 6.17.3 Product Benchmarking
- 6.18 Orion Engineered Carbons Holdings GmbH
 - 6.18.1 Company Overview
 - 6.18.2 Financial Performance
 - 6.18.3 Product Benchmarking
 - 6.18.4 Strategic Initiatives

List Of Tables

LIST OF TABLES

- TABLE 1 Carbon Black - Industry Summary & Key Buying Criteria, 2012 - 2022
- TABLE 2 Global carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)
- TABLE 3 Global carbon black market estimates & forecast, 2015 - 2022 (Kilo Tons) (USD Million)
- TABLE 4 Global carbon black market volume estimates by region, 2012 - 2014 (Kilo Tons)
- TABLE 5 Global carbon black market volume estimates & forecast by region, 2015 - 2022 (Kilo Tons)
- TABLE 6 Global carbon black market revenue estimates by region, 2012 - 2014 (USD Million)
- TABLE 7 Global carbon black market revenue estimates & forecast by region, 2015 - 2022 (USD Million)
- TABLE 8 Global carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)
- TABLE 9 Global carbon black market volume estimates & forecast by application, 2015 - 2022 (Kilo Tons)
- TABLE 10 Global carbon black market revenue estimates by application, 2012 - 2014 (USD Million)
- TABLE 11 Global carbon black market revenue estimates & forecast by application, 2015 - 2022 (USD Million)
- TABLE 12 Global carbon black market vendor landscape
- TABLE 13 Carbon black company heat map analysis
- TABLE 14 Carbon black market estimates in tires, 2012 - 2014 (Kilo Tons) (USD Million)
- TABLE 15 Carbon black market estimates & forecasts in tires, 2015 - 2022 (Kilo Tons) (USD Million)
- TABLE 16 Carbon black market volume estimates in tires by region, 2012 - 2014 (Kilo Tons)
- TABLE 17 Carbon black market volume estimates & forecasts in tires by region, 2015 - 2022 (Kilo Tons)
- TABLE 18 Carbon black market revenue estimates in tires by region, 2012 - 2014 (USD Million)
- TABLE 19 Carbon black market revenue estimates & forecasts in tires by region, 2015 - 2022 (USD Million)
- TABLE 20 Carbon black market estimates in high performance coatings, 2012 - 2014

(Kilo Tons) (USD Million)

TABLE 21 Carbon black market estimates & forecasts in high performance coatings, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 22 Carbon black market volume estimates in high performance coatings by region, 2012 - 2014 (Kilo Tons)

TABLE 23 Carbon black market volume estimates & forecasts in high performance coatings by region, 2015 - 2022 (Kilo Tons)

TABLE 24 Carbon black market revenue estimates in high performance coatings by region, 2012 - 2014 (USD Million)

TABLE 25 Carbon black market revenue estimates & forecasts in high performance coatings by region, 2015 - 2022 (USD Million)

TABLE 26 Carbon black market estimates in plastics, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 27 Carbon black market estimates & forecasts in plastics, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 28 Carbon black market volume estimates in plastics by region, 2012 - 2014 (Kilo Tons)

TABLE 29 Carbon black market volume estimates & forecasts in plastics by region, 2015 - 2022 (Kilo Tons)

TABLE 30 Carbon black market revenue estimates in plastics by region, 2012 - 2014 (USD Million)

TABLE 31 Carbon black market revenue estimates & forecasts in plastics by region, 2015 - 2022 (USD Million)

TABLE 32 Carbon black market estimates in other applications, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 33 Carbon black market estimates & forecasts in other applications, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 34 Carbon black market volume estimates in other applications by region, 2012 - 2014 (Kilo Tons)

TABLE 35 Carbon black market volume estimates & forecasts in other applications by region, 2015 - 2022 (Kilo Tons)

TABLE 36 Carbon black market revenue estimates in other applications by region, 2012 - 2014 (USD Million)

TABLE 37 Carbon black market revenue estimates & forecasts in other applications by region, 2015 - 2022 (USD Million)

TABLE 38 North America carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 39 North America carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)

- TABLE 40 North America carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)
- TABLE 41 North America carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)
- TABLE 42 North America carbon black market revenue estimates by application, 2012 - 2014 (USD Million)
- TABLE 43 North America carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)
- TABLE 44 U.S. carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)
- TABLE 45 U.S. carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)
- TABLE 46 U.S. carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)
- TABLE 47 U.S. carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)
- TABLE 48 U.S. carbon black market revenue estimates by application, 2012 - 2014 (USD Million)
- TABLE 49 U.S. carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)
- TABLE 50 Europe carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)
- TABLE 51 Europe carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)
- TABLE 52 Europe carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)
- TABLE 53 Europe carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)
- TABLE 54 Europe carbon black market revenue estimates by application, 2012 - 2014 (USD Million)
- TABLE 55 Europe carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)
- TABLE 56 UK carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)
- TABLE 57 UK carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)
- TABLE 58 UK carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)
- TABLE 59 UK carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)
- TABLE 60 UK carbon black market revenue estimates by application, 2012 - 2014 (USD

Million)

TABLE 61 UK carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)

TABLE 62 Asia Pacific carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 63 Asia Pacific carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 64 Asia Pacific carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)

TABLE 65 Asia Pacific carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)

TABLE 66 Asia Pacific carbon black market revenue estimates by application, 2012 - 2014 (USD Million)

TABLE 67 Asia Pacific carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)

TABLE 68 China carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 69 China carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 70 China carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)

TABLE 71 China carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)

TABLE 72 China carbon black market revenue estimates by application, 2012 - 2014 (USD Million)

TABLE 73 China carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)

TABLE 74 Latin America carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 75 Latin America carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons) (USD Million)

TABLE 76 Latin America carbon black market volume estimates by application, 2012 - 2014 (Kilo Tons)

TABLE 77 Latin America carbon black market volume estimates & forecasts by application, 2015 - 2022 (Kilo Tons)

TABLE 78 Latin America carbon black market revenue estimates by application, 2012 - 2014 (USD Million)

TABLE 79 Latin America carbon black market revenue estimates & forecasts by application, 2015 - 2022 (USD Million)

TABLE 80 Brazil carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 81 Brazil carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons)
(USD Million)

TABLE 82 Brazil carbon black market volume estimates by application, 2012 - 2014
(Kilo Tons)

TABLE 83 Brazil carbon black market volume estimates & forecasts by application,
2015 - 2022 (Kilo Tons)

TABLE 84 Brazil carbon black market revenue estimates by application, 2012 - 2014
(USD Million)

TABLE 85 Brazil carbon black market revenue estimates & forecasts by application,
2015 - 2022 (USD Million)

TABLE 86 MEA carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 87 MEA carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons)
(USD Million)

TABLE 88 Latin America carbon black market volume estimates by application, 2012 -
2014 (Kilo Tons)

TABLE 89 MEA carbon black market volume estimates & forecasts by application, 2015
- 2022 (Kilo Tons)

TABLE 90 MEA carbon black market revenue estimates by application, 2012 - 2014
(USD Million)

TABLE 91 MEA carbon black market revenue estimates & forecasts by application,
2015 - 2022 (USD Million)

TABLE 92 UAE carbon black market estimates, 2012 - 2014 (Kilo Tons) (USD Million)

TABLE 93 UAE carbon black market estimates & forecasts, 2015 - 2022 (Kilo Tons)
(USD Million)

TABLE 94 UAE carbon black market volume estimates by application, 2012 - 2014 (Kilo
Tons)

TABLE 95 UAE carbon black market volume estimates & forecasts by application, 2015
- 2022 (Kilo Tons)

TABLE 96 UAE carbon black market revenue estimates by application, 2012 - 2014
(USD Million)

TABLE 97 UAE carbon black market revenue estimates & forecasts by application,
2015 - 2022 (USD Million)

List Of Figures

LIST OF FIGURES

- FIG. 1 Global carbon black market segmentation
- FIG. 2 Global carbon black market estimates and forecast, 2012 - 2022 (Kilo Tons)
(USD Million)
- FIG. 3 Carbon black value chain analysis
- FIG. 4 Breakdown of materials & inputs by price
- FIG. 5 Breakdown of capital costs
- FIG. 6 Breakdown of initial investment cost
- FIG. 7 Breakdown of initial investment cost
- FIG. 8 Carbon black market dynamics
- FIG. 9 Tire production by key countries, 2010 to 2015, (Units)
- FIG. 10 Global rubber consumption by region, 2005 to 2015, (kilo tons)
- FIG. 11 European general rubber goods production, 2000 to 2010, (thousand tons)
- FIG. 12 Key opportunities prioritized
- FIG. 13 Industry analysis -Porter's
- FIG. 14 Global carbon black PESTEL analysis
- FIG. 15 Global carbon black market volume share by application, 2014 & 2022
- FIG. 16 Global carbon black market volume share by region, 2014 & 2022

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