

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.”

Published: June 2019

Report Code: CP024

Pages: 520

Charts: 651

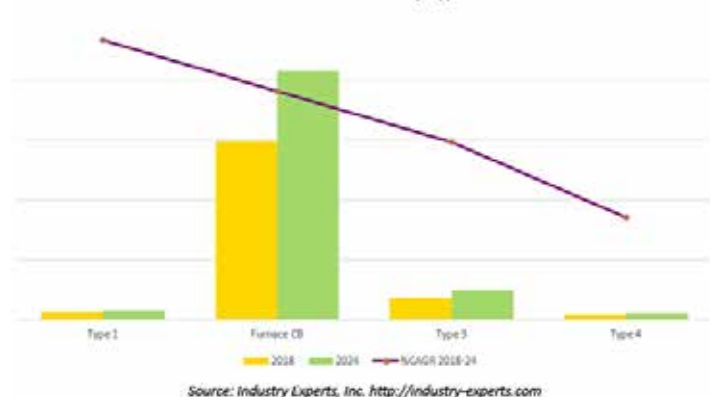
Price: \$4500 Single User License, \$7200 Enterprise License

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.

Global Carbon Black Market by Type 2018-2024



Research Findings & Coverage

- The market for Carbon Black is explored in this study with respect to Type/Sub-Types, Grades, Applications and End-Use Sectors
- The study exclusively analyzes above mentioned categories of Carbon Black in each major region/country globally for the analysis period
- Specialty Carbon Black Market to Surge Impressively
- “Green” Carbon Black Gaining Traction
- Carbon Black Enhances Properties of Polypropylene/Recycled Natural Rubber Glove Blends
- Advances in High-Performance Carbon Black Pigments Address Emerging Needs

- 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**

SAMPLE COMPANY PROFILE

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 Universite 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

Product	Description
Industrial Rubber Carbon Blacks	<p>Industrial Rubber Carbon Blacks offer a wide array of product qualities for rubber applications.</p> <p><i>N550</i>: 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.</p> <p><i>N650</i>: The product is a good weather stripping extrusions, roofing, hoses, o-rings, innertubes, body mounts, and cables.</p> <p><i>N660</i>: The product is used for inner tubes cable insulation, and body mounts.</p> <p><i>N683</i>: used in mounts, and cables.</p> <p><i>N762</i>: The carbon black grade is used in hoses, molded goods and solutions.</p> <p><i>N774</i>: This grade is used in belts, hoses, molded goods, and footwear.</p>

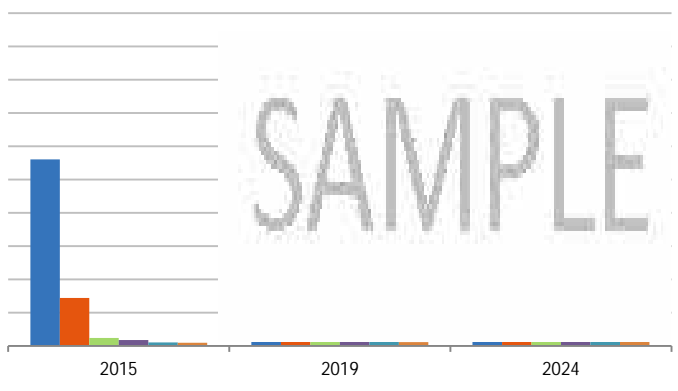
.....more

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.

.....more

TABLE OF CONTENTS

PART A: GLOBAL MARKET PERSPECTIVE	1		
1. INTRODUCTION	1		
1.1 Product Outline.....	6		
1.1.1 Fundamentals of Carbon Black	6		
1.1.1.1 Classification of Carbon Blacks.....	9		
1.1.1.2 Characteristics of Carbon Black.....	10		
1.1.2 Types of Carbon Black.....	14		
1.1.2.1 Acetylene Carbon Black	14		
1.1.2.2 Furnace Carbon Black	15		
1.1.2.2.1 Carcass and Tread Grade Furnace Carbon Blacks.....	17		
1.1.2.2.3 Thermal Carbon Black.....	17		
1.1.2.4 Other Types of Carbon Black.....	18		
1.1.2.4.1 Lamp Carbon Black	18		
1.1.2.4.2 Channel Carbon Black/Gas Carbon Black ..	20		
1.1.2.5 Differences between Furnace and Thermal Processes.....	21		
1.1.2.6 Reactor Conditions versus Properties	21		
1.1.2.7 Filtration/Separation.....	22		
1.1.2.8 Pelletizing.....	22		
1.1.2.9 Drying	22		
1.1.2.10 Carbon Black, Soot and Black Carbon	23		
1.1.2.11 General Properties of Carbon Black	24		
1.1.2.12 Essential Properties of Carbon Black.....	24		
1.1.2.12.1 Aggregates	25		
1.1.2.12.2 Inter-Particle Attractions and Agglomerates ..	25		
1.1.2.13 Color Properties of Carbon Black	25		
1.1.2.13.1 Jetness	26		
1.1.2.13.2 Masstone	26		
1.1.2.13.3 Tinting Strength	26		
1.1.2.14 Techniques of Characterizing Carbon Black	26		
1.1.2.14.1 Measurements of Surface Area	27		
1.1.2.14.2 Measurements of Structure.....	27		
1.1.3 Applications of Carbon Black	32		
1.1.3.1 Tires	32		
1.1.3.2 Non-Tire Rubber Products	34		
1.1.3.3 Paints & Coatings.....	36		
1.1.3.3.1 Carbon Black Grade Selection for Coloring	36		
1.1.3.3.1.1 Black Coatings.....	36		
1.1.3.3.1.2 Black Tinted Coatings.....	38		
1.1.3.4 Plastics.....	39		
1.1.3.4.1 Molding.....	39		
1.1.3.4.2 Fiber.....	40		
1.1.3.5 Printing Inks & Toners.....	40		
1.1.3.5.1 Pigment Blacks Based on Application	41		
1.1.3.5.1.1 Offset Inks.....	41		
1.1.3.5.1.2 Publication Applications.....	42		
1.1.3.5.1.2.1 Publication Flexographic Applications	42		
1.1.3.5.1.2.2 Publication Gravure Applications.....	42		
1.1.3.5.1.3 Flexographic and Gravure Printing Inks for Packaging Applications	42		
1.1.3.5.1.4 Energy Cure Printing Inks	42		
1.1.3.6 Other Applications	42		
2. KEY MARKET TRENDS.....	43		
2.1 Specialty Carbon Black Market to Surge Impressively.....	43		
2.2 Multi-Color Fluorescence Displays Possible with Recovered Carbon Black.....	43		
2.3 "Green" Carbon Black Gaining Traction	44		
2.4 Carbon Black Enhances Properties of Polypropylene/Recycled Natural Rubber Glove Blends....	45		
2.5 Advances in High-Performance Carbon Black Pigments Address Emerging Needs	46		
2.6 Performance of Conductive Inks Improves with Appropriate Ratios of Graphite and Carbon Black ...	47		
2.7 Carbon Black's Superior UV Stability Proven by its Application in Rotomolded Tanks.....	49		
3. KEY GLOBAL PLAYERS.....	50		
Asahi Carbon Co., Ltd. (Japan).....	50		
Birla Carbon India Private Limited (India).....	51		
Black Bear Carbon BV (The Netherlands)	54		
Cabot Corporation (The United States).....	55		
China Synthetic Rubber Corporation (Taiwan).....	56		
Continental Carbon Company (The United States).....	56		
Jinneng Science and Technology Company Limited (China)...	58		
Longxing Chemical Stock Co., Ltd. (China).....	59		
Mitsubishi Chemical Corporation (Japan).....	60		
Monolith Materials, Inc. (The United States)	61		
OCI Company Ltd (South Korea).....	61		
Omsk Carbon Group OOO (Russia).....	62		
Orion Engineered Carbons S.A. (Luxembourg)	63		
Phillips Carbon Black Limited (India)	64		
Qingzhou Boao Carbon Black Co., Ltd. (China)	65		
Shandong Huadong Rubber Materials Co., Ltd. (China)...	66		
Tokai Carbon Co., Ltd. (Japan).....	67		
4. KEY BUSINESS AND PRODUCT TRENDS	70		
Birla Carbon Unveils New Raven 5100 Ultra® Carbon Black Grade.....	70		
Bridgestone Corporation Won "Environmental Achievement of the Year"	70		
Bridgestone Corporation Unveils BATTLAX HYPERSPORT S22 Sports Radial Motorcycle Tires.....	70		
Cabot Corporation' Carbon Black Center Receives RC14001® Certification	71		
Cancarb Limited to Start its Sixth Thermal Carbon Black Unit at its Facility in Medicine Hat, Alberta, Canada	71		
The Abu Dhabi National Oil Company (ADNOC) Reveals its New Integrated Gas Strategy and Downstream Growth Plans at Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC).....	72		
Cabot Corporation Acquires NSCC Carbon (Jiangsu) Co., Ltd. Carbon Black Plant in China.....	72		
ADNOC Refining Achieves Full Scale Production of Polymer-Grade Propylene from Newly Commissioned Ruwais Facility	73		
Birla Carbon Spain Invests Deeper	73		
Birla Carbon Participate in Carbon Black World 2018, Germany	73		
Monolith Materials, Inc Inaugurates Lincoln Technical Center in Nebraska	74		
Birla Carbon Expands its Carbon Black Markets Worldwide ..	74		
China Synthetic Rubber Corporation (CSRC) Invests in Gujarat, India	75		
Phillips Carbon Black Limited (PCBL) Looks to Accede its Specialty and Carbon Black Business.....	75		
Cabot Corporation Set to Increase its Global Carbon Black Capacity by Over 300,000 Metric Tons.....	75		
Cabot Corporation Launches Activated Carbons Optimized Grades for Catalyst Support Applications atACHEMA 2018 Forum, Germany.....	76		
Orion Engineered Carbons S.A. Installs Topsoe's Sustainable Emissions Control Technology, SNOX, at Louisiana Plant	76		
Orion Engineered Carbons S.A. to Open Carbon Black Center in Italy	77		
Birla Carbon Forms an Agreement with U.S. Environmental Protection Agency.....	77		
Orion Engineered Carbons S.A. Establishes New Carbon Black Center in Yeosu, South Korea	77		
Cancarb Limited Selects COPCI SAS as Distributor Partner. 78	78		
American Process Inc and Birla Carbon Join Forces on Nanocellulose and Carbon Black for Tire Industry.....	78		
OCI Starts Carbon Black Factory Production in China	79		
Kemva and Continental Carbon Company Plan New Carbon Black Plant in Al-Jubail, Saudi Arabia.	79		
5. GLOBAL MARKET OVERVIEW.....	80		
5.1 Global Carbon Black Market Overview by Type. 81	81		
5.1.1 Global Furnace Carbon Black Market Overview by Grade	85		
5.1.2 Carbon Black Type Market Overview by Global Region.....	89		
5.1.2.1 Acetylene Carbon Black (CB).....	89		
5.1.2.2 Furnace Carbon Black (CB).....	93		
5.1.2.2.1 Furnace Carbon Black (CB) Grade Market Overview by Global Region.....	97		
5.1.2.2.1.1 Carcass Grade Furnace Carbon Black (CB) ...	97		
5.1.2.2.1.2 Tread Grade Furnace Carbon Black (CB)	101		
5.1.2.3 Thermal Carbon Black (CB)	105		
5.1.2.4 Other Carbon Blacks (CBs)	109		
5.2 Global Carbon Black Market Overview by Grade... 113	113		
5.2.1 Carbon Black Grade Market Overview by Global Region.....	117		
5.2.1.1 Reinforced Grade Carbon Black	117		
5.2.1.2 Semi-Reinforced Grade Carbon Black	121		
5.2.1.3 Specialty Grade Carbon Black	125		
5.3 Global Carbon Black Market Overview by Application	129		
5.3.1 Carbon Black Application Market Overview by Global Region	133		
5.3.1.1 Tires	133		
5.3.1.2 Non-Tire Rubber Products	137		
5.3.1.3 Paints & Coatings.....	141		
5.3.1.4 Plastics.....	145		
5.3.1.5 Printing Inks & Toners.....	149		
5.3.1.6 Other Applications.....	153		
5.4 Global Carbon Black Market Overview by End-Use Sector	157		
5.4.1 Carbon Black End-Use Sector Market Overview by Global Region.....	161		
5.4.1.1 Automotive & Transportation.....	161		
5.4.1.2 Building & Construction.....	165		
5.4.1.3 Industrial.....	169		
5.4.1.4 Printing & Packaging.....	173		
5.4.1.5 Other End-Use Sectors.....	177		
PART B: REGIONAL MARKET PERSPECTIVE.. 181			
Global Carbon Black Market Overview by Geographic Region.....	181		
REGIONAL MARKET OVERVIEW	185		
6. NORTH AMERICA	185		
6.1 North American Carbon Black Market Overview by Geographic Region.....	186		
6.2 North American Carbon Black Market Overview by Type	188		
6.2.1 North American Furnace Carbon Black (CB) Market Overview by Grade.....	190		
6.3 North American Carbon Black Market Overview by Grade	192		
6.4 North American Carbon Black Market Overview by Application.....	194		
6.5 North American Carbon Black Market Overview by End-Use Sector	196		
6.6 Major Market Players	198		
Birla Carbon USA, Inc (The United States)	198		
Cabot Corporation (The United States).....	201		
Cancarb Limited (Canada).....	202		
Continental Carbon Company (The United States)	203		
Monolith Materials, Inc. (The United States).....	204		
Tokai Carbon CB Ltd. (The United States)	204		
6.7 Country-wise Analysis of North American Carbon Black Market.....	205		
6.7.1 The United States	205		
6.7.1.1 United States Carbon Black Market Overview by Type	206		
6.7.1.1.1 United States Furnace Carbon Black (CB) Market Overview by Grade.....	208		
6.7.1.2 United States Carbon Black Market Overview by Grade	210		

6.7.1.3 United States Carbon Black Market Overview by Application.....	212	7.7.2.4 German Carbon Black Market Overview by End-Use Sector	278	8.5 Asia-Pacific Carbon Black Market Overview by End-Use Sector	346
6.7.1.4 United States Carbon Black Market Overview by End-Use Sector.....	214	7.7.3 Italy	280	8.6 Major Market Players	348
6.7.2 Canada.....	216	7.7.3.1 Italian Carbon Black Market Overview by Type.....	281	Asahi Carbon Co., Ltd. (Japan)	348
6.7.2.1 Canadian Carbon Black Market Overview by Type.....	217	7.7.3.1.1 Italian Furnace Carbon Black (CB) Market Overview by Grade	283	Atlas Organic Pvt., Ltd. (India)	349
6.7.2.1.1 Canadian Furnace Carbon Black (CB) Market Overview by Grade	219	7.7.3.2 Italian Carbon Black Market Overview by Grade.....	285	Beilium Carbon Chemical Limited (China).....	350
6.7.2.2 Canadian Carbon Black Market Overview by Grade.....	221	7.7.3.3 Italian Carbon Black Market Overview by Application.....	287	Birla Carbon India Private Limited (India)	351
6.7.2.3 Canadian Carbon Black Market Overview by Application.....	223	7.7.3.4 Italian Carbon Black Market Overview by End-Use Sector.....	289	Black Diamond Material Science Co., Ltd. (China).....	354
6.7.2.4 Canadian Carbon Black Market Overview by End-Use Sector	225	7.7.4 Russia	291	Bridgestone Corporation (Japan).....	354
6.7.3 Mexico.....	227	7.7.4.1 Russian Carbon Black Market Overview by Type.....	292	China Synthetic Rubber Corporation (Taiwan).....	355
6.7.3.1 Mexican Carbon Black Market Overview by Type.....	228	7.7.4.1.1 Russian Furnace Carbon Black (CB) Market Overview by Grade	294	Continental Carbon India Limited (India).....	355
6.7.3.1.1 Mexican Furnace Carbon Black (CB) Market Overview by Grade	230	7.7.4.2 Russian Carbon Black Market Overview by Grade.....	296	Denka Company Limited (Japan)	356
6.7.3.2 Mexican Carbon Black Market Overview by Grade.....	232	7.7.4.3 Russian Carbon Black Market Overview by Application.....	298	Himadri Specialty Chemical Ltd. (India)	357
6.7.3.3 Mexican Carbon Black Market Overview by Application.....	234	7.7.4.4 Russian Carbon Black Market Overview by End-Use Sector	300	Jiangxi Black Cat Carbon Black Co., Ltd. (China)	358
6.7.3.4 Mexican Carbon Black Market Overview by End-Use Sector	236	7.7.5 Spain.....	302	Jinneng Science and Technology Company Limited (China).....	359
7. EUROPE	238	7.7.5.1 Spanish Carbon Black Market Overview by Type.....	303	Longxing Chemical Stock Co., Ltd. (China)	360
7.1 European Carbon Black Market Overview by Geographic Region.....	239	7.7.5.1.1 Spanish Furnace Carbon Black (CB) Market Overview by Grade	305	Mitsubishi Chemical Corporation (Japan)	361
7.2 European Carbon Black Market Overview by Type ..	241	7.7.5.2 Spanish Carbon Black Market Overview by Grade.....	307	Nippon Carbon Co., Ltd. (Japan)	362
7.2.1 European Furnace Carbon Black (CB) Market Overview by Grade	243	7.7.5.3 Spanish Carbon Black Market Overview by Application.....	309	OCI Company Ltd (South Korea)	362
7.3 European Carbon Black Market Overview by Grade.....	245	7.7.5.4 Spanish Carbon Black Market Overview by End-Use Sector	311	Phillips Carbon Black Limited (India).....	363
7.4 European Carbon Black Market Overview by Application.....	247	7.7.6 The United Kingdom.....	313	Qingzhou Boao Carbon Black Co., Ltd. (China).....	364
7.5 European Carbon Black Market Overview by End-Use Sector.....	249	7.7.6.1 United Kingdom Carbon Black Market Overview by Type	314	Ralson Goodluck Carbon Pvt., Ltd. (India).....	365
7.6 Major Market Players	251	7.7.6.1.1 United Kingdom Furnace Carbon Black (CB) Market Overview by Grade.....	316	Shandong Aolong Carbon Black Co., Ltd. (China)	366
Black Bear Carbon BV (The Netherlands).....	251	7.7.6.2 United Kingdom Carbon Black Market Overview by Grade	318	Shandong Emperor-Taishan Carbon Co., Ltd. (China) ..	367
Carbon Black Kft (Hungary)	252	7.7.6.3 United Kingdom Carbon Black Market Overview by Application.....	320	Shandong Huadong Rubber Materials Co., Ltd. (China) ..	368
Imerys Graphite & Carbon (Switzerland)	253	7.7.6.4 United Kingdom Carbon Black Market Overview by End-Use Sector.....	322	Shanxi Fuliuhua Chemical Materials Co., Ltd. (China)	368
Konimpex Sp. Z O.O. (Poland)	254	7.7.7 Rest of Europe.....	324	Suzhou An Lun Chemicals Co., Limited (China)	369
Omsk Carbon Group OOO (Russia)	255	7.7.7.1 Rest of Europe Carbon Black Market Overview by Type	325	Suzhou Baohua Carbon Black Co., Ltd. (China)	369
Orion Engineered Carbons S.A. (Luxembourg).....	256	7.7.7.1.1 Rest of Europe Furnace Carbon Black (CB) Market Overview by Grade.....	327	Tokai Carbon Co., Ltd. (Japan)	370
Pyrolyx AG (Germany)	257	7.7.7.2 Rest of Europe Carbon Black Market Overview by Grade	329	Thai Tokai Carbon Product Company Limited (Thailand)	370
7.7 Country-wise Analysis of European Carbon Black Market	258	7.7.7.3 Rest of Europe Carbon Black Market Overview by Application.....	331	Zaozhuang Xinyuan Chemical Industry Co., Ltd. (China) 371	
7.7.1 France.....	258	7.7.7.4 Rest of Europe Carbon Black Market Overview by End-Use Sector.....	333	8.7 Country-wise Analysis of Asia-Pacific Carbon Black Market.....	372
7.7.1.1 French Carbon Black Market Overview by Type.....	259	8. ASIA-PACIFIC.....	335	8.7.1 China.....	372
7.7.1.1.1 French Furnace Carbon Black (CB) Market Overview by Grade	261	8.1 Asia-Pacific Carbon Black Market Overview by Geographic Region	336	8.7.1.1 Chinese Carbon Black Market Overview by Type.....	373
7.7.1.2 French Carbon Black Market Overview by Grade	263	8.2 Asia-Pacific Carbon Black Market Overview by Type	338	8.7.1.1.1 Chinese Furnace Carbon Black (CB) Market Overview by Grade	375
7.7.1.3 French Carbon Black Market Overview by Application.....	265	8.2.1 Asia-Pacific Furnace Carbon Black (CB) Market Overview by Grade	340	8.7.1.2 Chinese Carbon Black Market Overview by Grade.....	377
7.7.1.4 French Carbon Black Market Overview by End-Use Sector.....	267	8.3 Asia-Pacific Carbon Black Market Overview by Grade.....	342	8.7.1.3 Chinese Carbon Black Market Overview by Application	379
7.7.2 Germany.....	269	8.4 Asia-Pacific Carbon Black Market Overview by Application.....	344	8.7.1.4 Chinese Carbon Black Market Overview by End-Use Sector	381
7.7.2.1 German Carbon Black Market Overview by Type	270			8.7.2 India.....	383
7.7.2.1.1 German Furnace Carbon Black (CB) Market Overview by Grade	272			8.7.2.1 Indian Carbon Black Market Overview by Type ..	384
7.7.2.2 German Carbon Black Market Overview by Grade.....	274			8.7.2.1.1 Indian Furnace Carbon Black (CB) Market Overview by Grade	386
7.7.2.3 German Carbon Black Market Overview by Application.....	276			8.7.2.2 Indian Carbon Black Market Overview by Grade.....	388
				8.7.2.3 Indian Carbon Black Market Overview by Application	390
				8.7.2.4 Indian Carbon Black Market Overview by End-Use Sector	392
				8.7.3 Indonesia	394
				8.7.3.1 Indonesian Carbon Black Market Overview by Type.....	395
				8.7.3.1.1 Indonesian Furnace Carbon Black (CB) Market Overview by Grade.....	397
				8.7.3.2 Indonesian Carbon Black Market Overview by Grade	399
				8.7.3.3 Indonesian Carbon Black Market Overview by Application	401
				8.7.3.4 Indonesian Carbon Black Market Overview by End-Use Sector	403
				8.7.4 Japan	405
				8.7.4.1 Japanese Carbon Black Market Overview by Type.....	406
				8.7.4.1.1 Japanese Furnace Carbon Black (CB) Market Overview by Grade	408

8.7.4.2 Japanese Carbon Black Market Overview by Grade.....	410	9. SOUTH AMERICA.....	449	9.7.3 Rest of South America	486
8.7.4.3 Japanese Carbon Black Market Overview by Application.....	412	9.1 South American Carbon Black Market Overview by Geographic Region.....	450	9.7.3.1 Rest of South American Carbon Black Market Overview by Type	487
8.7.4.4 Japanese Carbon Black Market Overview by End-Use Sector	414	9.2 South American Carbon Black Market Overview by Type	452	9.7.3.1.1 Rest of South American Furnace Carbon Black (CB) Market Overview by Grade.....	489
8.7.5 South Korea	416	9.2.1 South American Furnace Carbon Black (CB) Market Overview by Grade.....	454	9.7.3.2 Rest of South American Carbon Black Market Overview by Grade	491
8.7.5.1 South Korean Carbon Black Market Overview by Type	417	9.3 South American Carbon Black Market Overview by Grade	456	9.7.3.3 Rest of South American Carbon Black Market Overview by Application.....	493
8.7.5.1.1 South Korean Furnace Carbon Black (CB) Market Overview by Grade.....	419	9.4 South American Carbon Black Market Overview by Application.....	458	9.7.3.4 Rest of South American Carbon Black Market Overview by End-Use Sector.....	495
8.7.5.2 South Korean Carbon Black Market Overview by Grade	421	9.5 South American Carbon Black Market Overview by End-Use Sector.....	460	10. REST OF WORLD	497
8.7.5.3 South Korean Carbon Black Market Overview by Application.....	423	9.6 Major Market Players	462	10.1 Rest of World Carbon Black Market Overview by Type.....	498
8.7.5.4 South Korean Carbon Black Market Overview by End-Use Sector.....	425	Birla Carbon Brazil Ltda. (Brazil).....	462	10.1.1 Rest of World Furnace Carbon Black (CB) Market Overview by Grade.....	500
8.7.6 Thailand.....	427	Negroven SA (Venezuela).....	463	10.2 Rest of World Carbon Black Market Overview by Grade.....	502
8.7.6.1 Thai Carbon Black Market Overview by Type..	428	9.7 Country-wise Analysis of South American Carbon Black Market.....	464	10.3 Rest of World Carbon Black Market Overview by Application	504
8.7.6.1.1 Thai Furnace Carbon Black (CB) Market Overview by Grade	430	9.7.1 Argentina	464	10.4 Rest of World Carbon Black Market Overview by End-Use Sector	506
8.7.6.2 Thai Carbon Black Market Overview by Grade	432	9.7.1.1 Argentine Carbon Black Market Overview by Type.....	465	10.5 Major Market Players	508
8.7.6.3 Thai Carbon Black Market Overview by Application.....	434	9.7.1.1.1 Argentine Furnace Carbon Black (CB) Market Overview by Grade	467	Abu Dhabi National Oil Company (United Arab Emirates) ...	508
8.7.6.4 Thai Carbon Black Market Overview by End-Use Sector.....	436	9.7.1.2 Argentine Carbon Black Market Overview by Grade.....	469	OJSC Kremenchug Carbon Black Plant (Ukraine).....	509
8.7.7 Rest of Asia-Pacific.....	438	9.7.1.3 Argentine Carbon Black Market Overview by Application.....	471	PART C: GUIDE TO THE INDUSTRY.....	510
8.7.7.1 Rest of Asia-Pacific Carbon Black Market Overview by Type	439	9.7.1.4 Argentine Carbon Black Market Overview by End-Use Sector	473	1. NORTH AMERICA	510
8.7.7.1.1 Rest of Asia-Pacific Furnace Carbon Black (CB) Market Overview by Grade	441	9.7.2 Brazil.....	475	2. EUROPE.....	511
8.7.7.2 Rest of Asia-Pacific Carbon Black Market Overview by Grade	443	9.7.2.1 Brazilian Carbon Black Market Overview by Type.....	476	3. ASIA-PACIFIC.....	512
8.7.7.3 Rest of Asia-Pacific Carbon Black Market Overview by Application.....	445	9.7.2.1.1 Brazilian Furnace Carbon Black (CB) Market Overview by Grade	478	4. SOUTH AMERICA.....	518
8.7.7.4 Rest of Asia-Pacific Carbon Black Market Overview by End-Use Sector.....	447	9.7.2.2 Brazilian Carbon Black Market Overview by Grade....	480	5. REST OF WORLD	518
		9.7.2.3 Brazilian Carbon Black Market Overview by Application.....	482	PART D: ANNEXURE.....	519
		9.7.2.4 Brazilian Carbon Black Market Overview by End-Use Sector	484	1. RESEARCH METHODOLOGY	519
				2. FEEDBACK	521

About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

[More about Industry Experts](#)



Industry Experts, Inc.
14726 Ramona Ave, Suite S2
Chino, CA 91710
Greater Los Angeles
United States
Phone: +1-320-iXPERTS (497-3787)

Email: info@industry-experts.com

India Office
1-7-19/C, Street No. 8, Habsiguda
Hyderabad – 500007
India
Phone: +91-40-4018-1314
Fax: +91-40-2715-7746

Website: <http://industry-experts.com>