Strategic Growth Opportunities in Carbon Black Market

PRESENTED BY
Lucintel

DATE
July, 2020
Global Carbon Black Market is Expected to reach $22.8 billion by 2025 with CAGR of 4%


<table>
<thead>
<tr>
<th>Year</th>
<th>Value (US $B)</th>
<th>CAGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$15.5</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>$18.0</td>
<td>+3.1%</td>
</tr>
<tr>
<td>2025</td>
<td>$22.8</td>
<td>+4%</td>
</tr>
</tbody>
</table>

Source: Lucintel

Opportunities for Specialty Carbon Black by Application, Grade, Function, and End Use Industry

<table>
<thead>
<tr>
<th>Application</th>
<th>Grade</th>
<th>Function</th>
<th>End Use Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tire Rubber</td>
<td>Commodity Carbon Black</td>
<td>Reinforcement</td>
<td>Transportation</td>
</tr>
<tr>
<td>Non-Tire Rubber</td>
<td>Specialty Carbon Black</td>
<td>Coloring (Pigmentation)</td>
<td>Industrial</td>
</tr>
<tr>
<td>Plastics</td>
<td></td>
<td>Conductivity</td>
<td>Building and Construction</td>
</tr>
<tr>
<td>Ink</td>
<td></td>
<td>UV Protection</td>
<td>Printing and Packaging</td>
</tr>
<tr>
<td>Coatings</td>
<td></td>
<td>Others</td>
<td>Others</td>
</tr>
<tr>
<td>Others</td>
<td></td>
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</tbody>
</table>

Top Companies in Carbon Black Market

- Cabot Corporation
- Orion Engineered Carbons
- Birla Carbon
- Sid Richardson Co
- Philips Carbon Black
In This Market, Tire Rubber is the Largest Application, whereas Commodity Carbon Black is Largest in Grade Type

<table>
<thead>
<tr>
<th>Carbon Black Market by Application Type</th>
<th>Growth Rate</th>
</tr>
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<tbody>
<tr>
<td>Tire Rubber</td>
<td>↑</td>
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<tr>
<td>Non Tire Rubber</td>
<td>↑</td>
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<tr>
<td>Plastic</td>
<td>↑</td>
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<tr>
<td>Ink</td>
<td>↑</td>
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<tr>
<td>Coating</td>
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<td>Specialty Carbon Black</td>
<td>↑</td>
</tr>
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</table>

Source: Lucintel

<table>
<thead>
<tr>
<th>CAGR (2019-25)</th>
<th>Negative</th>
<th>Flat</th>
<th>Growing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;0%</td>
<td>0%-3%</td>
<td>&gt;3%</td>
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</tbody>
</table>
In Terms of Regions, APAC Provides the Largest Opportunity for Carbon Black Followed by Europe and North America

Opportunities for Carbon Black in the following top countries are identified in this report:
- USA
- Canada
- Germany
- Italy
- Russia
- China
- Japan
- India
- Thai
- Indonesia
- South Korea
- Turkey

Source: Lucintel
Ecosystem of the Carbon Black Market is Composed of Diverse Group of Companies

Material Supplier (Heavy oil, Natural gas, etc)
- KOPPERS
- TAUBER
- Himadri
- DOW
- Nocil Limited
- Indian Oil
- BaoShun

Carbon Black Manufacturer
- CABOT
- Orion
- Engineered Carbons
- Akzo Nobel
- Tokai Carbon CB
- Phillips Carbon Black Limited
- Continental Carbon
- Omsk Carbon Group

Intermediate (Masterbatch, Plastics Compounder, Coating, Ink, etc.)
- BASF
- Flint Group
- Akzo Nobel
- DuPont
- Sun Chemical
- Borealis
- Siegwirk
- AMPACET
- Axalta
- Hubron

Part/ End Product Manufacturer (Tire, Wire and Cable, Molded Rubber Parts, Pipes, etc.)
- Bridgestone
- Continental
- Michelin
- Armstrong
- Wabash
- Formosa Plastics
- Hexis

Source: Lucintel
Growth in Automotive Production and Mechanical Rubber Goods are Major Drivers in This Market

### Key Drivers

**Growth in Automotive Production:** Increasing automobile production will boost tire, plastics, and coatings demand, which will ultimately increase the demand for carbon black.

**Increasing Demand for Specialty Carbon Black:** Specialty carbon black demand is growing in plastic, coating, and printing ink applications.

**Growth in Mechanical Rubber Goods:** Increasing demand for conveyor belts, seals, gaskets, wiper blades, molded products in industrial and transportation industries will increase the demand for carbon black.

### Key Challenges

**Fluctuation in raw material prices:** The price of carbon black feedstock obtained from oil refineries is directly related to crude oil prices.

**Stringent government regulations on carbon emissions:** New government regulations on carbon emissions represent a major challenge for the global carbon black market, as this product emits a significant amount of greenhouse gas.

**COVID-19 Impact:** Coronavirus is having significant impact on world economy. Market will witness negative growth in 2020 due to economic recession led by COVID-19. It is expected that market will recover from the year 2021.
Developing Capabilities in Specialized Grade Carbon Black Provides Strategic Growth Path

Strategic Considerations in Carbon Black Market

• Players of carbon black market can focus to increase their capabilities to fulfill increasing demands for conductive additives in Li-ion batteries
• Increase in capabilities to match up with shifting focus from commodity to more specialize grade carbon black
• Research and development activities to develop low cost carbon black material
• Investment in modernization of plants to meet or exceed the regulatory standards for environmental performance

• Strategic collaborations/ acquisitions to increase geographic presence in growing countries like China and India
• Develop alliances to penetrate in new applications, such as conductive material for Li-ion batteries
• Collaborative activities to solve carbon emission challenge

Source: Lucintel
These Insights are Based on Below Market Report from Lucintel. It can help you Identify New Opportunities by Various Segments and Regions

Click for detail: https://www.lucintel.com/carbon-black-market.aspx

### Market Opportunities

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<td>2016</td>
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<td>2024</td>
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<tr>
<td>2025</td>
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### Market Segment Analysis

- **End Use**
- **Application**
- **Grade**

### Regional Opportunities

- USA
- Canada
- Mexico
- Germany
- UK
- South Korea
- Japan
- China
- Others

### Market Share Analysis

- Player 1
- Player 2
- Player 3
- Player 4
- Player 5
- Others

### Other Coverage in Report

- New Product Development
- Company Expansion
- Merger Acquisitions & JV
- Company Profiling

**Note:** These insights are based on recently launched Lucintel's Report on Carbon Black Market, which has 150+ Page and over 100+ charts and tables. Lucintel also offers 10% free customization on above report based on your needs.
Lucintel has an Extensive Toolkit to Address Strategic Questions

Key Questions

- Is market space / opportunity of current product offerings sufficiently robust?
- Market is focus for many: how can my company profitably differentiate?
- Based on our core skills, where should we focus?
- Should we build or buy? Is build even an option?
- What game changer actions exist and/or is a more incremental approach best?
- What is the order sequence of market entry segments / products?
Lucintel - At a Glance

• Premier management consulting and market research firm. Founded in 1998.
• Deep global insights into major industries. Team of over 120 analysts/consultants across globe
• Management comprised of PhDs, MBAs, and subject matter experts. Head quarter in Dallas, USA.

Conducted 500+ consulting projects across industries for 3M, Audi, Dupont, Carlyle, GE, etc.

Consulting Services

Why Lucintel


Clients we serve: Over 1000 clients from 70 countries – Fortune 500 companies

Strategic advice: Over 20 years of proven global strategic management consulting experience

Industries Served
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