KEY CHARACTERISTICS

- Porous
- Highly reactive
- Low density
- Dry (~1% moisture)
- Low sulfur (~1%)
- Non hazardous
Ascend Performance Materials’ Chem Coke is made from high-quality, low-sulfur, low-ash coal. Our highly reactive, low density coke works well in the production of ferro alloys and as a charge carbon for steel making because of its increased furnace burden porosity. Chem Coke is manufactured at our Decatur, Alabama, facility on the Tennessee River, allowing access to multiple modes of transportation: barge, rail and truck. Customers around the world trust Ascend to deliver the high-performance, consistent, quality products they need when they need them.

Chem Coke is manufactured in a specially designed continuous coking process with slow-moving grates to burn off the volatiles, creating a uniquely porous carbon.

**TYPICAL ANALYSIS**

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>Ash</td>
<td>8 – 10%</td>
</tr>
<tr>
<td>FxC</td>
<td>88 – 91</td>
</tr>
<tr>
<td>Volume</td>
<td>0.8 – 2.0%</td>
</tr>
<tr>
<td>H₂O</td>
<td>0.8%</td>
</tr>
<tr>
<td>Sulfur</td>
<td>0.8 – 1.1%</td>
</tr>
<tr>
<td>Density</td>
<td>20lbs / ft³ dry</td>
</tr>
</tbody>
</table>

**TYPICAL SIZING (+8 mesh)**

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>5/8” +</td>
<td>5%</td>
</tr>
<tr>
<td>1/2” x 5/8”</td>
<td>15%</td>
</tr>
<tr>
<td>1/4” x 1/2”</td>
<td>52%</td>
</tr>
<tr>
<td>8 mesh x 1/4”</td>
<td>25%</td>
</tr>
<tr>
<td>0” x 8 mesh</td>
<td>3%</td>
</tr>
</tbody>
</table>

**SHIPPING OPTIONS** (from Decatur, Alabama)

- **Dump truck**
  - dry, wet or conditioned
- **Barge**
  - wet
- **Rail car**
  - dry
About Ascend

Ascend Performance Materials is a global leader in the production of high-quality chemicals, fibers and plastics. As the world’s largest fully integrated manufacturer of nylon 6,6 resin, our manufacturing processes are vertically integrated, ensuring the highest level of quality and economies of scale. Ascend’s specialty chemicals and blends of acids, amines and esters are used in a variety of applications and industries. We offer customized solutions through formulated products and superior technical support.

North America
1010 Travis Street, Suite 900
Houston, TX 77002
United States
+1 713 315 5700

Europe
Watson and Crick Hill Park
11, rue Granbonpré - Bâtiment H
B-1435 Mont-St-Guibert
Belgium
+32 10 60 8600

Asia
Unit 3602, Raffles City
No. 268, Xizang Road (M)
Shanghai, 200001
China
+86 21 6340 3300

inspiring everyday

ascendmaterials.com/specialtychemicals

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