VULCAN® XC305 SPECIALTY CARBON BLACK

Product highlights
VULCAN XC305 specialty carbon black is suitable for use in electrostatic dissipation (ESD) applications, or those that require protection against static discharge, such as safety and electronics packaging. It has been developed to deliver key performance requirements for ESD applications.

VULCAN XC305 specialty carbon black has the potential for a full range of conductivity performance depending on the loading level. It has low sulfur and low grit as well as superior dispersibility to promote surface smoothness and preserve the mechanical properties of the polymer.

Key applications
VULCAN XC305 specialty carbon black is suitable for use in conductive plastic applications that require protection against static discharge, such as:
- IC carrier tapes, trays, boxes and pouches
- ESD corrugated boards
- Safety packaging for hazardous good
- Safety applications in explosive areas

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TYPICAL VALUES</th>
<th>TEST METHOD</th>
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</thead>
<tbody>
<tr>
<td>Iodine number (mg/g)</td>
<td>72</td>
<td>ASTM D-1510</td>
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<tr>
<td>OAN (cc/100g)</td>
<td>131</td>
<td>ASTM D-2414</td>
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<tr>
<td>325 mesh residue (ppm)</td>
<td>&lt;20</td>
<td>ASTM D-3265</td>
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<tr>
<td>Moisture as packed (%)</td>
<td>&lt;1.0</td>
<td>ASTM D-1513</td>
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</tbody>
</table>

The data in the table above are typical test values intended as guidance only, and are not product specifications. Product specifications are available from your Cabot representative.
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Product form and logistics
- Product form: pellets
- Regional availability: global
- Packaging options:
  - 20 kg bag
  - 400 kg and 800 kg FBICs

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

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