CHROMIUMBORIDE / CHROMIUMDIBORIDE

Chemical Formular  
CrB, CrB₂

Chemical Name  
Chromiumboride / Chromiumdiboride

Description of Product  
Greyish Powder.

HS Number  
28500090

Grades Available  
Product Designation  
CrB   K  
CrB - Grade B  
CrB₂   K  
CrB₂ - Grade B

Chemical Characteristics  
(Mass fraction in % [cg/g]; ppm [µg/g])

<table>
<thead>
<tr>
<th></th>
<th>CrB</th>
<th>CrB₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>16 - 18 %</td>
<td>28 - 30 %</td>
</tr>
<tr>
<td>C</td>
<td>max. 0.2 %</td>
<td>max. 0.3 %</td>
</tr>
<tr>
<td>Fe</td>
<td>max. 0.3 %</td>
<td>max. 0.5 %</td>
</tr>
<tr>
<td>O</td>
<td>max. 0.3 %</td>
<td>max. 0.6 %</td>
</tr>
</tbody>
</table>

Physical Characteristics  
CrB Grade B  
CrB₂ Grade B

<table>
<thead>
<tr>
<th></th>
<th>CrB</th>
<th>CrB₂</th>
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<tbody>
<tr>
<td>Fisher Number</td>
<td>max. 2.5 µm</td>
<td>max. 2.5 µm</td>
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</table>

Typical screening fractions² for CrB / CrB₂ Grade K

<table>
<thead>
<tr>
<th></th>
<th>CrB</th>
<th>CrB₂</th>
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</thead>
<tbody>
<tr>
<td>+ 400 µm</td>
<td>max. 2 %</td>
<td></td>
</tr>
<tr>
<td>- 63 µm</td>
<td>max. 5 %</td>
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</tbody>
</table>

Other screening fractions and grain size distribution on request.

1) Information on testing methods on request, 2) ROTAP Screening per ASTM B 214.
Packaging
Standard Packaging
for 50 kg in 30 l steel drums with a polyethylene bag

Storage and Handling
Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)
None.

Documentation
An inspection document in accordance with EN 10204 is supplied with every shipment.

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