VANADIUM CARBIDE, Coarse

Chemical Formula  VC
Chemical Name  Vanadium Carbide
Description of Product  Sintered

Grades Available  Product Designation
Vanadium Carbide  90/45 µm
Vanadium Carbide  45/5.6 µm
Vanadium Carbide  160/63 µm

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

C$_{tot}$  17.4 - 19.0 %
O  max. 1.4 %

Physical Characteristics
Particle Size Distribution

<table>
<thead>
<tr>
<th></th>
<th>90/45 µm</th>
<th>45/5.6 µm</th>
<th>160/63 µm</th>
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<tbody>
<tr>
<td>- 160 µm</td>
<td>min. 95 %</td>
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<td>min. 95 %</td>
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<tr>
<td>- 90 µm</td>
<td></td>
<td>max. 5 %</td>
<td>max. 5 %</td>
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<tr>
<td>- 63 µm</td>
<td>max. 5 %</td>
<td>min. 95 %</td>
<td>max. 5 %</td>
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<tr>
<td>- 45 µm</td>
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<tr>
<td>- 5.6 µm</td>
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1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070.
Packaging

Standard Packaging:
50 kg in 30 l steel drum with polyethylene inlet.

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.

Remarks
Always mix well before using.