AMPERIT® 342 CoMoCrSi (Similar to T-800)
Gas Atomized

Chemical Formula: CoCrMoSi

Description of Product: Gas Atomized

Grades Available

<table>
<thead>
<tr>
<th>Product Designation</th>
<th>45/22 µm</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMPERIT® 342.001</td>
<td></td>
</tr>
</tbody>
</table>

HS Number: 81052000

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

<table>
<thead>
<tr>
<th>Element</th>
<th>Mo</th>
<th>Cr</th>
<th>Si</th>
<th>Fe</th>
<th>Ni</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass fraction in %</td>
<td>28 - 30 %</td>
<td>16.50 - 18.50 %</td>
<td>3.00 - 3.80 %</td>
<td>max. - 1.5 %</td>
<td>max. - 1.5 %</td>
<td>max. - 0.15 %</td>
</tr>
<tr>
<td>ppm [µg/g]</td>
<td></td>
<td></td>
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</tbody>
</table>

Physical Characteristics
(Grain Size Distribution and Tolerances above / below max. in %)

<table>
<thead>
<tr>
<th>Particel Size Distribution</th>
<th>342.001</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 45 µm</td>
<td>max. 5 %</td>
</tr>
<tr>
<td>- 22 µm</td>
<td>max. 7 %</td>
</tr>
<tr>
<td>- 10 µm</td>
<td>max. 0 %</td>
</tr>
</tbody>
</table>

1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070.
Packaging
Standard Packaging
5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box.

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)
Respiratory sensitisation Category 1
Skin sensitisation Category 1
Eye irritation Category 2
Reproductive toxicity Category 2
Acute toxicity Category 4
Carcinogenicity, Category 1B
Short-term (acute) aquatic hazard Category 1
Long-term (chronic) aquatic hazard Category 1

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

Remarks
Always mix well before using.
Other grain sizes on request.