**AMPERIT® 340 CoMoCrSi (Similar to T-400)**

Gas Atomized

**Chemical Formula**

CoMoCrSi

**Description of Product**

Gas Atomized

**Grades Available**

Product Designation

AMPERIT® 340.001 45/22 µm

**HS Number**

81052000

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**Chemical Characteristics**

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

<table>
<thead>
<tr>
<th>Element</th>
<th>Mass Fraction (%)</th>
<th>Ppm (µg/g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mo</td>
<td>28 - 30</td>
<td></td>
</tr>
<tr>
<td>Cr</td>
<td>8 - 9</td>
<td></td>
</tr>
<tr>
<td>Si</td>
<td>2.5 - 3.0</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>max. 0.15</td>
<td></td>
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</tbody>
</table>

**Physical Characteristics**

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

<table>
<thead>
<tr>
<th>Particle Size Distribution</th>
<th>340.001</th>
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</thead>
</table>
| + 45 µm                    | max. 5  %
| - 22 µm                    | max. 7  %
| - 10 µm                    | max. 0  %

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1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070, 3) Secondary Electron Image (SEI).
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.

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