Product Data Sheet
Elkem Si-99™ Powder

1. Description
High quality metallurgical silicon is carefully selected, crushed, jet milled and classified to provide Elkem Si-99™ Powder of finer sizes.

2. Chemical Analysis (weight%)

<table>
<thead>
<tr>
<th>Element</th>
<th>Spec*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Si</td>
<td>%</td>
</tr>
<tr>
<td>Fe</td>
<td>%</td>
</tr>
<tr>
<td>Al</td>
<td>%</td>
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<tr>
<td>Ca</td>
<td>%</td>
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</tbody>
</table>

* Test methods are available on request

3. Size
Elkem Si-99™ Powder is available in various sizes:
- **0-45 micron, d_{50}: 9-14 µm**
  - + 45 µm = max. 5.0 % **
  - + 75 µm = max. 0.1 % **
- **0-20 micron, d_{50}: 5-8 µm**
- **0-10 micron, d_{50}: 2.5-4.5 µm**
  - + 10 µm = max. 1.0 % **

**Oversize based on Malvern laser diffraction.

4. Tailored products
Other products with customised chemistry and sizing can be produced on request. Please contact our sales representative for more details.

5. Packaging
The products are available in 25 kg small bags, 1000 kg big bags and lined fibre drums. Please contact our sales representative for more details.

6. Handling and storage
- Avoid dust generation
- Store material properly, protected from moisture and contamination

7. Health, Safety and Environment
Please consult our Product Safety information on our website: https://www.elkem.com/silicon-materials/microsilica/silicon-powders/

8. Local Elkem representative
For further information, please contact our local sales representative. Our specialists will assist you in solving individual problems.

All data listed are reference values subject to production-related tolerances. Although reasonable care has been taken in the preparation of the information contained herein, it still remains the duty of the user to prove the suitability of this material for his applications.