

# Product data sheet

## Elkem Si-99 Powder

Elkem ASA Silicon Products  
 Drammensveien 169 P.O. Box 334  
 Skøyen NO-0213 OSLO  
[www.elkem.com](http://www.elkem.com)

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

**Chemical analysis & physical data**

<i>Weight%</i>	<i>Spec*</i>
Si	min. 98.25
Fe	max. 0.5
Al	max. 0.75
Ca	max. 0.07

**Size**

Standard sizing	0 - 45 micron	0 - 20 micron	0 - 10 micron
	d <sub>50</sub> : 9 - 14µm	d <sub>50</sub> : 5 - 8µm	d <sub>50</sub> : 2.5 – 4.5µm
	+45µm max. 5.0%		+10µm max. 1.0%
	+75µm max. 0.1%		

Oversize based on Malvern laser diffraction

Other products with customised chemistry and sizing can be produced on request.

\* Test methods are available upon request

**Packaging**

The products are available in 25 kg small bags and 1000 kg big bags. Please contact our sales representative for more details.

**Storage and handling**

- Avoid dust generation
- Store material properly, protected from moisture and contamination

**Health, safety & environment**

Please consult our Product Safety information on our website:  
<https://www.elkem.com/silicon-products/refractories/silicon-powders/pds2/>

**Sustainability**

For Elkem, sustainability is central to our business strategy. Our mission is to provide advanced material solutions shaping a better and more sustainable future, adding value to our stakeholders globally. We are committed to reduction in embodied carbon emission. For further information, please visit [www.elkem.com/sustainability/](http://www.elkem.com/sustainability/) or contact us to learn more about our sustainability roadmap.

**Additional information and contact**

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