

# Product data sheet

## Elkem Microsilica® 975

**Elkem ASA Silicon Products**  
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[www.elkem.com](http://www.elkem.com)

**Description** Elkem Microsilica® is a highly reactive raw material used for stabilization of pigments for ceramics industry .

- Benefits**
- Improved flow
  - Guaranteed stability
  - High reactivity
  - Higher densification
  - No gas formation
  - No glass phases formation
  - High colour intensity
  - Improved hot-strength properties

Chemical analysis & physical data	Weight%	Spec*	Typical**
	SiO <sub>2</sub> (diff.)	min. 97.5	98.5
	C	max. 0.4	0.20
	Fe <sub>2</sub> O <sub>3</sub>	max. 0.4	0.14
	Al <sub>2</sub> O <sub>3</sub>	max. 0.6	0.34
	CaO	max. 0.3	0.14
	MgO	max. 0.1	0.04
	K <sub>2</sub> O	max. 0.1	0.04
	Na <sub>2</sub> O	max. 0.4	0.20
	H <sub>2</sub> O ***	max. 0.6	0.21
	<b>Properties</b>	<b>Spec*</b>	<b>Typical**</b>
	Loss on Ignition	% max. 1.0	0.4
	Coarse Particles >45µm	% max. 2.0	1.2
	Bulk density ***	kg/m <sup>3</sup> 400-600	

\* Test methods are available upon request  
 \*\* Typical values are for guidance only  
 \*\*\* When packed

**Packaging** The product is available in 500 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/microsilica/page-1/>.

**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.