

# Product Data Sheet

## MICROWHITE™

### Concrete applications

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**Description** MICROWHITE™ is a high purity silica fume. High quality, consistent properties and lightness of colour are the special characteristics of MICROWHITE™.

With a colour reflection value typically more than 75%, MICROWHITE™ is whiter and has increased consistency batch-to-batch than many alternative grades of silica fume.

**Applications** Batch the product into the concrete mixer and mix thoroughly ensuring full dispersion. Dosage varies depending on application. Contact Elkem for information and advice.

**Chemical & physical data**

Property	Unit	Value
SiO <sub>2</sub>	%	Minimum 96.0
Colour (Reflection)	%	Minimum 75.0
H <sub>2</sub> O*	%	Maximum 1.0
Loss on ignition	%	Maximum 3.0
Specific surface area	m <sup>2</sup> /g	Minimum 15.0
Bulk density*	kg/m <sup>3</sup>	150 – 450

*For typical analysis of minor elements, please contact our Elkem representative.*

*\*When packed*

**Packaging** The product is supplied as an undensified dry powder and is available in a range of packaging options, including small bags and big bags. Contact our representative for details.

**Storage and handling** MICROWHITE™ should be stored in dry conditions and not exposed to moisture.

**Health, safety & environment** Refer to Product Safety Information (PSI) document on our website: [www.elkem.com](http://www.elkem.com)

**Quality assurance** Elkem Silicon Products management system for development, processing and supply of MICROWHITE™ is certified to ISO 9001:2015.

MICROWHITE™ is certified to relevant international standard for use in concrete. Certification documents available on request.

**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 reducing embodied carbon emissions. 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** See additional Elkem data sheets and technical papers on our website: [www.elkem.com](http://www.elkem.com)  
 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 their application.