

Elkem Microsilica®

Grade 940

Product

General

Elkem Microsilica® Grade 940 is dry silica fume available in two main forms:

- **Undensified - 940 U** with a typical bulk density of 200 - 350 kg/m³
- **Densified - 940 D** with a typical bulk density of 500 - 700 kg/m³

Packaging

The products are supplied in a range of packaging:

- 25 kg paper bags
- Big bags in a variety of designs and sizes depending on product and production plant.
- Bulk in road tanker

Special packaging can be supplied on request.

Storage & Handling

Elkem Microsilica® Grade 940 should be kept in dry storage. Products that have been subjected to moisture and allowed to dry again may result in inferior performance.

For advice on handling the products in an industrial set-up, reference is made to our Data sheet C1-01 'Handling of Microsilica Powder'.

Quality Control

Elkem Materials is certified according to ISO 9001.

The chemical composition and physical properties are regularly tested.

Elkem Microsilica® Grade 940		
Chemical and physical requirements	Specification (characteristic values)	Frequency
SiO ₂ (%)	> 90	Weekly
H ₂ O (moisture content when packed, %)	< 1,0	Weekly
Loss on Ignition, LOI (%)	< 3,0	Weekly
Retained on 45 micron sieve (tested on Undensified, %)	< 1,5	Weekly
Bulk Density - Undensified (when packed, kg/m ³)	200 - 350	Weekly
Bulk Density - Densified (when packed, kg/m ³)	500 - 700	Weekly

The above Elkem specification refers to analysis performed using the Elkem Standard Test Methods for Microsilica. Elkem Standard Test Methods for Microsilica are available upon request.

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PRODUCT

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