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Product Data Sheet
Silgrain® Supreme MicronCut

1. Description
Silgrain® Supreme MicronCut is a micronised silicon powder with a very low content of all impurities.

2. Application
The main application for Silgrain® Supreme MicronCut is as a raw material for the ceramic industry.

3. Chemical analysis
See table below for chemical specifications.

4. Sizes
Silgrain® Supreme MicronCut can be delivered in a wide range of sizes. Typical sizes are 0-10 µm, 0-20 µm, 0-45 µm, 0-60 µm, 0-75 µm, 0-100 µm and 0-150 µm. All products contain max. 1% oversize according to laser diffraction.

Particle size distribution curves and D10, D50 and D90 values can be supplied upon request.

5. Packing
Silgrain® Supreme MicronCut can be delivered in 1000 kg big bags or 25 kg paper bags. Other non-standard packaging on request.

6. Local Elkem representative
For further information please contact our sales representative. Our specialists will help solve any individual problem.

7. Health, Safety and Environment
Not classified as hazardous material in accordance with GHS and CLP. Please refer to the corresponding Elkem Product Safety Information No. 302 for further details.

Silgrain® Supreme MicronCut

Analysis	Si* wt%	Fe ppmw	Al ppmw	Ca ppmw	Ti ppmw	P ppmw	B ppmw
Max		20	20	20	20	5	5
Typical	99.995	< 10	< 10	< 10	< 5	< 1	< 1

Other trace elements on request

Fe, Al, Ca, Ti, P, B, Mn, Cu, Ni, Cr, Mg and V measured by ICP (Inductively Coupled Plasma)
*Si wt% = 100wt% - Fe wt% - Al wt% - Ca wt% - Ti wt% - B wt% - P wt% - Mn wt% - Cu wt% - Ni wt% - Cr wt% - Mg wt% - V wt%

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