

Specification

Item number: 5405

Silica gel 250

0,04-0,063 mm (400-230 mesh)

CAS No.: 7631-86-9

print date: 01.01.2024

formula: SiO_2

density: 2,2

molecular weight: 60,09 g/mol

Type analysis

Appearance	white powder
Pore diameter	~250 Å
Loss on drying (160 °C)	≤6 %
Pore volume (N₂)	1,60-1,95 ml/g
Specific surface	280-355 m ² /g
pH-value	6,0-8,0
Volatile parts (950 °C)	≤13,0 %
SiO₂ content (dry substance)	≥99,3 %
Fe₂O₃ content (dry substance)	≤0,014 %
Na₂O content (dry substance)	≤0,15 %
SO₄ content	≤0,10 %

Particle size distribution:

d₁₂	23,4-41,1 µm
d₅₀	48,2-65,3 µm
d₉₀	75,5-96,0 µm

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

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Head of Quality Management

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

