

Specification

Item number:	0485		
Silica gel 150			
0,315-0,5 mm			
CAS No.:	7631-86-9	print date:	08.05.2021
formula:	SiO ₂		
density:	2,2		
molcular weight:	60,09 g/mol		

Type analysis

Appearance	white powder
Pore diameter	118-182 Å
Loss on drying (160 °C)	≤6 %
Pore volume (H₂O)	≥1,05 ml/g
Specific surface (BET)	285-355 m ² /g
pH-value (5 % in H₂O)	6,0-8,0
Volatile parts (950 °C)	≤13,0 %
SiO₂ content (dry substance)	≥99,3 %
Fe₂O₃content (dry substance)	≤0,014 %
Na₂O content (dry substance)	≤0,15 %
SO₄ content (dry substance)	≤0,10 %

Particle-size (µm)

<100	≤1,0 %
<250	≤2,0 %
<315	≤40,0 %
>500	≤1,0 %

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. Vorsitzender des Aufsichtsrats: Eberhard Gaul
Geschäftsführer: André Houdelet

