

# Specification

Item number: 9828

## Silica gel 60

### 0,8-1,2 mm

CAS No.: 7631-86-9

print date: 01.01.2024

formula:  $\text{SiO}_2$

density: 2,2

molecular weight: 60,09 g/mol

### Type analysis

**Appearance** white powder

**Pore diameter** 53-80 Å

**Loss on drying (160 °C)** ≤6,0 %

**Pore volume (N<sub>2</sub>)** 0,8-1,0 ml/g

**Specific surface** 500-600 m<sup>2</sup>/g

**pH-value (5 % in H<sub>2</sub>O)** 6,0-8,0

**Volatile parts (950 °C)** ≤13,0 %

**SiO<sub>2</sub> content (dry substance)** ≥99,4 %

**Fe<sub>2</sub>O<sub>3</sub> content (dry substance)** ≤0,014 %

**Na<sub>2</sub>O content (dry substance)** ≤0,15 %

**SO<sub>4</sub> content** ≤0,1 %

### Particle size distribution:

<0,63 mm ≤0,5 %

<0,8 mm ≤20,0 %

>1,25 mm ≤5,0 %

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

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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