

	Product Information SIOGEL® white, wide pored, powdery	Doc: PI-SIO-05
		Date: 09 / 2026
		Revision: 05

SIOGEL® white, wide pored, powdery

is a glassy, milky-white silica gel powder of high purity, comparable to pharmaceutical grade, with a pore diameter of approx. 100 Å.

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can be reactivated without significantly reducing the adsorption efficiency. It is therefore very economical, easy to dispose of and without any known adverse effects on the environment.

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Due to its special pore structure the material is applied for many technical processes:

- Catalyst and catalyst carrier in varied chemical and petrochemical operations
- Petrol refining
- Dehydration and purification of liquids

Basis

Formula	amorphous form of silica	$\text{SiO}_2 \cdot n(\text{H}_2\text{O})$
CAS-No.	Silica	7631 – 86 – 9

Characteristics

Moisture loss	max. 7.5 %
Bulk Density	350 – 450 g/l
Pore volume	0.75 – 1.0 ml/g
Standard grain size	125 – 425 µm

Packaging

Carton	with PE-Inliner á 20 kg
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SIOGEL® must always be kept in airtight containers to avoid adsorption with water vapour. Face masks should be used during continuous exposure to extensive dusting.

Note

Any details of application possibilities do not free the purchaser from the obligation of performing own tests on the material supplied by the seller, in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.