

	Product Information SIOGEL® white, mesoporous	Doc: PI-SIO-17
		Date: 09 / 2024
		Revision: 03

SIOGEL® white, mesoporous

milky white granules of high purity, comparable to USP pharmaceutical quality, and a large mean pore diameter of 60 Å.

SIOGEL® white, mesoporous

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

SIOGEL® white, mesoporous

Due to its special pore structure SIOGEL® mesoporous 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	SiO ₂ · n (H ₂ O)
CAS-No.	Silica	7631 – 86 – 9

Characteristics

Adsorption capacity	at 80 % rel. humidity	min. 48.0 %
	at 100 % rel. humidity	min. 65.0 %
Moisture loss	max. 5.0 %	
Bulk Density	500 – 600 g/l	
Pore volume	0.60 – 0.85 ml/g	
Standard grain size	1.5 – 3.15 mm	other special grades on request

Packaging

Carton	with PE-Inliner at 25 kg
--------	--------------------------

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.

OKER-CHEMIE GmbH

© OKER-CHEMIE GmbH

Im Schleeke 77 · 38642 Goslar ·

☎: 05321 / 74351-10 ✉ vertrieb@oker-chemie.de 🌐: <http://www.oker-chemie.de>