



SIOGEL® beige, wide pored beads

are water resistant, hard spheres which protect other adsorbents from water vapour or liquid water. Material can be reactivated without significantly reducing the adsorption efficiency.

SIOGEL® beige, wide pored beads

are therefore very economical, easy to dispose of and without any known adverse effects on the environment.

SIOGEL® beige, wide pored beads

Due to its water resistance, SIOGEL® beige has a multitude of uses: Dynamic adsorption (water removal from a continuously flowing gas or liquid stream) and static adsorption (moisture removal of moisture and humidity control in packaging and other enclosed spaces without induced air flow). The material is frequently used as protective layer in combination with silica gel, molecular sieves or other adsorbents.

Basis

Formula	amorphous form of silica	SiO ₂ · n (H ₂ O)
CAS-No.	Silica	7631 – 86 – 9

Characteristics

Moisture loss	max. 3.0 %	
Bulk Density	450 – 550 g/l	
Qualified ratio of beads	min. 90 %	
Crush strength	min. 40N	
Water resistance	typically 95%	
Standard grain size	2.0 – 5.0 mm	other special grades on request

Packaging

Carton	with PE-Inliner at 20 kg
Steel drum	with PE-Inliner at 100 kg
Big Bag	with PE-Inliner at 500 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 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.