	Product Information	
	SIOGEL® white, wide pored	
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Product Description	<p>Milky white or translucent irregular shaped granules with a large pore volume.</p> 
Formel	$\text{SiO}_2 \cdot n (\text{H}_2\text{O})$ (amorphous form of silica)
CAS-No.	7631-86-9


Physical and chemical Characteristics	Specific Surface Area (BET)	350 – 450 m ² /g
	Pore Volume	0.85 – 1.0 ml/g
	Average Pore Diameter	80 – 110 Å
	Water vapour adsorption capacity (at 23°C)	
	at 40 % RH	min. 6 %
	at 80 % RH	min. 31 %
	at 100 % RH	min. 90 %
	Moisture content	max. 5.0 %
	Bulk density	380 – 450 g/L
Particle sizes	1.5 – 3.15 mm	5.0 – 8.0 mm

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Application	<p>Because of its special pore structure, SIOGEL® white, wide pored is applied for many technical processes. It is mainly used as catalyst and carrier of catalyst in varied chemical and petrochemical processes as well as petrol refining, for dehydration and purification of liquids, and as moisture proof protection layer in drying applications.</p>
Packaging	<ul style="list-style-type: none"> • Airtight in 20 kg cartons with PE-Inliner • Airtight in 500 kg bulk bags with PE-Inliner
Handling	<p>SIOGEL® white, wide pored must always be kept in airtight containers to avoid pre-adsorption with water vapour. Face masks should be used during continuous exposure to extensive dusting.</p>
Note	<p>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.</p>