
	<b>Product Information</b>	
	<b>SIOGEL® wide pored, white, powdery</b>	
Date: 03/ 2021	<b>PI-No.: SIO-05</b>	<b>Page 1 of 2</b>
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<b>Product</b>	<p>Silica gel, white powder with pharmaceutical-grade purity and a large mean pore diameter of approx. 100 Å. SIOGEL® wide porous, white 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.</p>	
		
<b>Formula</b>	SiO <sub>2</sub> · n (H <sub>2</sub> O) (synthetic amorphous silicium dioxide)	
<b>CAS-No.</b>	7631-86-9	


<b>Grain Size</b>	125 – 425 µm	
<b>Physical and Chemical Characteristics</b>	Moisture loss (140 °C 4h)	Max. 5%
	Bulk density	350 – 450 g/l
	Pore volume	0.75 – 1.0 ml/g

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Im Schleeke 77 · 38642 Goslar ·

☎ 05321 / 751-53415 ✉ [vertrieb@oker-chemie.de](mailto:vertrieb@oker-chemie.de) 🌐 <http://www.oker-chemie.de>

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<b>Application</b>	<p>Due to its special pore structure SIOGEL® wide pored, white is applied for many technical processes:</p> <ul style="list-style-type: none"> <li>• Catalyst and catalyst carrier in varied chemical and petro-chemical operations</li> <li>• Petrol refining</li> <li>• Dehydration and purification of liquids</li> </ul> <p>The temperature at reactivation should not exceed 180 °C.</p>
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<b>Packaging</b>	Airtight in 20 kg cartons with PE-Inliner
<b>Handling</b>	SIOGEL® wide pored, white 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.
<b>Note</b>	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.

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