

	<b>Product Information</b>	
	<b>OBRA molecular sieve 10Å</b>	
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Revision: 00		

**Product Description**

OBRA molecular sieve 10Å is a crystalline, high porous sodium aluminosilicate. Gas, steams and liquids can be adsorbed reversibly or separated selectively due to the special crystal lattice with absolutely uniform, spherical cavities which are connected by channels. The large internal surface of 600 – 700 m<sup>2</sup>/g results in a strong bond of adsorption and in a polar characteristics of the molecular sieve structure. The pore openings are approx. 10Å across. Molecules bigger than the pore opening of the molecular sieve cannot be adsorbed smaller can.



**Formela  
CAS-No.**

$\text{Na}_{86}[(\text{AlO}_2)_{86} (\text{SiO}_2)_{106}] \cdot \text{H}_2\text{O}$   
1318 – 02 – 1

**Physico-chemical Characteristics**

Adsorption capacity (on dry basis; 40 % RH, 23 °C)	min. 21 %
Moisture loss (1h, 550°C)	max. 2.5 %
Bulk density compacted	min. 650 g/l

**Particle size**

1,6 – 2,5 mm

**Applications**

OBRA molecular sieve 10Å is used in various applications, such as the purification of gas, the drying of steam and liquids and the removal of CO<sub>2</sub> and water from air.

**Packing**

Airtight Steel drums or Big Bags

**Note**

Any details of application possibilities do not free the purchaser from the obligation of performing his 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**

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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>