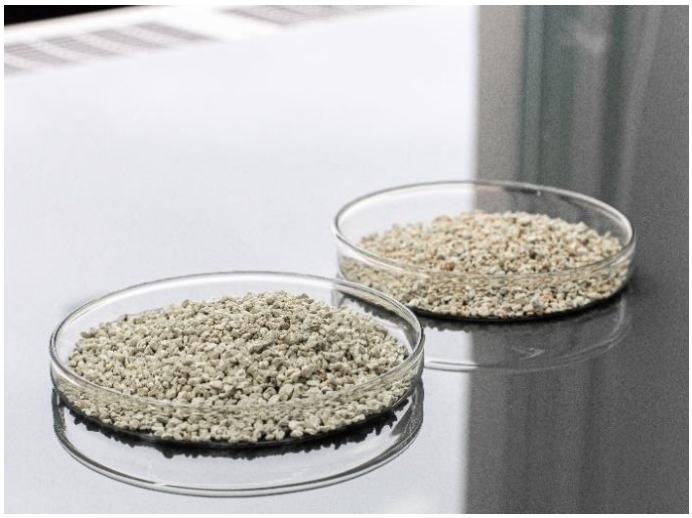
OKER CHEMIE®	**Product Information** **OBRA desiccant clay**	Doc: PI-SIO-09 Date: 09 / 2025 Revision: 05



OBRA desiccant clay

OBRA desiccant clay is a naturally occurring calcium bentonite, consisting of approx. 90 % montmorillonite. The raw clay is activated by a special calcination process.

Calcium bentonite has a layered structure; water molecules can be reversibly bound in the gaps, increasing the distance between the layers. Due to this property, OBRA active clay is very well suited as a drying agent.

OBRA desiccant clay - Applications

Because of its adsorption properties OBRA desiccant clay is used for various applications of static dehumidification processes. Air and other gases can be effectively dried. OBRA desiccant clay is mainly applied in form of desiccant bags according to DIN 55 473 for the protection of products which are sensitive to humidity.

Basis			
Formula	$Al_2[(OH)_2 / Si_4O_{10}] \cdot n\ H_2O$	CAS-No.	1302 – 78 – 9

Proporties			
Adsorption capacity at 40% rel. humidity	min. 17.0 %	pH-value (10 g / 100 ml H_2O; 20 °C)	max. 8
Moisture loss	max. 1.5 %	Bulk density	> 750 g/l
Grain size	1.0 – 4.0 mm other gradings on request	Particle size distribution	> 6.30 mm = 0% < 0.25 mm = max. 2%

Packaging	
Big Bag	Big bags with inlaid PE Inliner bags of up to 1000 kg net weight

Handling
Any details of application possibilities do not free the purchaser from the obligation of performing their 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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