

	<b>Product Information</b>	
	OBRA desiccant clay	
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### Product

OBRA desiccant clay is a naturally occurring calcium bentonite, consisting of approx. 90 % of the mineral montmorillonite. The raw clay is being activated by a special calcinations process. Calcium bentonite has a layer structure. Water molecules can be reversible adsorbed in its spacing at enlargement of the layer distance. Due to that characteristic feature OBRA desiccant clay is particularly suitable for the adsorption of water vapour.



<b>Formula</b>	$\text{Al}_2[(\text{OH})_2 / \text{Si}_4\text{O}_{10}] \cdot n \text{H}_2\text{O}$
<b>CAS-No.</b>	1302 – 78 – 9 (Bentonit)
<b>Appearance</b>	Grey-white, grey-brown or purple granules
<b>Adsorption capacity</b> at 40% RH	min. 17.0 %
<b>Moisture loss</b> (4h/140°C)	max. 1.5 %
<b>Bulk density</b>	750 – 850 g/l
<b>pH-Wert</b> (10% aqueous extract )	max. 8
<b>Grain size</b>	1.0 – 4.0 mm
<b>Particle Size Distribution</b>	> 6.3 mm = 0% < 0.25 mm = max. 2%

### Applications

Because of its adsorption properties OBRA desiccant clay is being 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 DIN 55 473 for the protection of products, which are sensitive to humidity.

### Packing

Big bags with inlaid PE Inliner bags of up to 1,000 kg net weight.

### Handling

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.