

COR-DRY Desiccant Bags

COR-DRY Desiccant Bags Avoid Damage Using the Desiccant Method

The desiccant method protects against unwanted humidity inside packaging and thus prevents moisture-related damage to the packaged goods.

The desiccant method creates and maintains a microclimate within a closed atmosphere. A waterproof barrier layer covering the packaged goods and desiccant ensures separation from the external climate. The air inside the packaging is dried as far as possible (up to a relative residual moisture of 5 %) so that no corrosion can occur during transport or storage.

Using special programs, we calculate the optimum mixture of these materials for you, tailored to your production, storage and shipping conditions. This method protects your product effectively from all moisture-related damage.



Advantages:

- ✓ Provides protection against moisture
- ✓ prevents the formation of mould in food items
- ✓ Prevents corrosion of metals



Fields of Application:

- 1 Export packaging
- 2 Shipping packages
- 3 Storage
- 4 Long-term storage

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Technical Properties

Physical and chemical properties

Description	
Shape	Granulated
Colour	Natural colour
Odour	None
Melting Point	Above 1000 °C
Density	800-1050 g/l
Water solubility	< 1,0 Gew.%
ph value	6,5- 8,5

Composition of bentonite

Chemical description: Dehydrogenating clay, also known as lacarsil clay or activated clay in trade, is a natural bentonite activated by drying which absorbs water molecules without undergoing any chemical changes. Clay is a natural and unaltered product; therefore, the presence of impurities in the form of mineral species such as quartz cannot be excluded in terms of labelling and classification of the product of insignificant concentration and physical form (< 1 % p/p). In addition, the granulometric form of the material limits the presence of such impurities in the form of breathable suspended particles, which, if present in concentrations above the legal limits, could be hazardous to health. The desiccant bag consists of a cover permeable to water vapour and must be used in this way and not opened.

Properties of bentonite

Bentonite is a natural product. Effect and capacity of our desiccant bags have been tested in accordance with DIN 55473. One DIN unit absorbs 6 grammes of humidity at a relative humidity of 40 % and 23 °C.

Corpac® COR-DRY Corrosion Protection.

Simple. Safe. Cost-effective.

We set standards!