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### **What factors should be considered in the selection of container desiccant?**

Shop around, to know good or bad. Customers shall consider the following factors in the selection of container desiccant:

#### **1. Adsorption capacity of desiccant**

For different desiccant products, if at the same price, the higher adsorption capacity the desiccant has, the more it shall get prior consideration.

#### **2. If desiccant package has good air permeability and leakage resistance capacity at the same time.**

Desiccant package shall have good air permeability, or desiccant can't effectively absorb moisture and prevent the cargo from humidity damage.

However, it is not enough. Truly qualified package requires also reliable leakage resistance ability. The package materials of a lot of the desiccant products in the current market, have merely air permeability, but no anti-leakage ability. After desiccant adsorbing, moisture vapor condenses into liquid water, which escapes through the package and drops down to the goods. As a result, the goods is not being protected, but in fact being damaged. It brings big loss to the consignors or consignees!

#### **3. The procurement cost of desiccant at the same moisture adsorption.**

According to the cargo tracking test results offered by relevant international institute, to guarantee the safety of goods, in a 20' container, container desiccant shall adsorb at least 8 KG water vapor from the air. For example, there are three kinds of desiccant products A,B,C, their moisture absorption capacity were 40%, 75%, 100% respectively, then 20 KG, 10.67KG, 8KG are needed. You can compare the three's procurement costs.

#### **4. If the design of desiccant is reasonable, and if the use of desiccant is convenient.**

Some shippers pay much attention to space saving as the containers are very fully loaded. With the hook design, the desiccant can be hung on the hoops on the container wall; with long shape design, desiccant can be inserted into the grooves on the container wall. For both designs, space saving is taken into account.