



NatraSorb Bagged Sorbents

Multisorb Technologies offers a broad range of NatraSorb Bagged Sorbents to protect against moisture damage such as deterioration, rust, corrosion, mold, mildew and other problems in a variety of packaging applications. A wide selection of sizes, bag constructions and desiccant types allows you to choose the right NatraSorb Bagged Sorbent to suit your specific application.

NatraSorb Bagged Sorbents are available with a choice of desiccants and desiccant blends including montmorillonite clay, silica gel, and molecular sieve. For maximum cost-effectiveness you can choose from several bag materials including:

- Heat-sealed, coated crepe Kraft paper.
- Sewn, non-woven Rayon.
- Tyvek® spun-bonded, high density polyethylene compact NatraSorb bags provide absorption capacities equal to those of larger size bags and are available in 1/6, 1/3, 1/2 and one unit sizes.

Advantages

- Sized to meet specific requirements
- Choice of bag materials conforming to MIL-D-3464 standards
- High strength, non-dusting Tyvek® bags available
- Wide range of desiccant types available

Applications

- Electronics
- Machine parts
- Mechanical equipment
- Photo equipment
- Food
- Bulk chemicals
- Instruments
- Pharmaceuticals
- Shipping containers

NatraSorb® M (Montmorillonite Clay)

NatraSorb M is made by the controlled drying of magnesium aluminum silicate, a natural material. NatraSorb M has the advantage of being able to both take on and give up moisture repeatedly without substantial swelling or deterioration.

NatraSorb® S (Silica Gel)

A hard, clear, porous, amorphous form of silica gel. NatraSorb S is manufactured from sodium silicate and sulfuric acid. It contains a vast number of submicroscopic pores which attract water vapor and hold it physically through surface adsorption and capillary condensation. It will absorb as much as 40% of its weight in moisture and obtain dew points as low as -100°F.

Hi-Dry® (Molecular Sieve)

Molecular sieve desiccant is a synthetic, crystalline material composed of sodium aluminosilicate activated by a network of uniform pores and empty adsorptive cavities. Where temperatures exceed 77°F and/or the critical relative humidity is below 40%, Hi-Dry has an immense capacity for moisture adsorption.

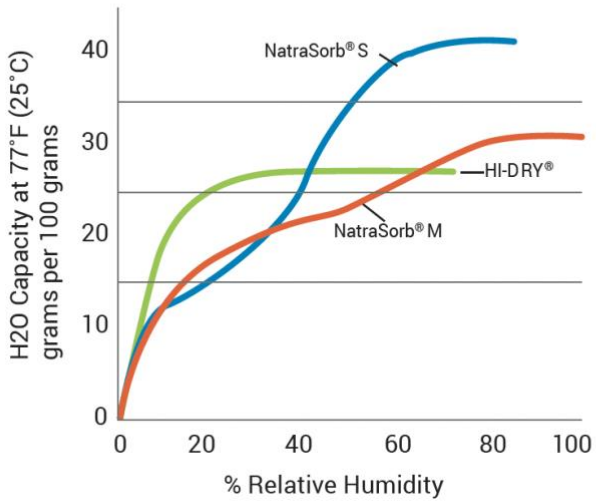
Multisorb Technologies offers even more for your packaging applications.

NatraSorb Bagged Sorbents are part of a full line of sorbent products offered by Multisorb Filtration Group to solve your moisture, odor and oxygen related packaging problems.





Equilibrium Adsorption Capacity



Adsorption Rates – 21°C (70°F) @ 80% RH

