



Desiccant Bags - Data Sheet

Starch Based Container Desiccant

Desiccant Bags

Calcium Chloride & Modified Starch

High adsorbent capacity for moisture. Protects goods in a container from moisture damage during transit. Environmentally friendly, non-corrosive, non-toxic. Can be disposed of as normal waste when removed from shipping container. Suitable for ocean, truck, rail and air shipping container, and for long term storage. Available in gram size 500, 1000 and 2000 grams, Custom sizes are available. Absorbs up to 70% of its own weight in moisture. Provides 45 days or more of moisture protection. Up to 2 years shelf life in cool and dry location storage.



Specifications

Dimensions:

Length: 640+/-50mm;
Width: 185+/-20mm;
Thickness: 30+/-10mm
Weight: 1050 ±50grams

Bag material:

Inner bag: heat-sealed Tyvek, 1056D/1059D, produced by Du Pont
Outer bag: sewn PP non-woven with strong plastic hook, about 100g/m2.

Style of bag:

3 sides heat-sealed/sewn

Particle size of desiccant: 0.5-2mm Moisture content: <5% (150 °C)

The adsorption capacity of moisture: $\geq 200\%$ at 30 °C and 90%RH

Storage: Cool dry location, 2 years shelf life

Adsorption
Capacity \geq

200%

at 30° and 90% RH

Recommended



20 Foot Container 40 Foot Container
4 - 10 Bags 8 - 16 Bags

* Each S1102TN can adsorb over 2,2 litres water and the weight will become over 3,6 kg

* S1102TN sewn with a strong plastic hook and can be easily hanged inside the container

* Do not content any COBALT CHLORIDE (CoCl_2) and DIMETHYL FUMARATE (DMF)