

UniPak Clay Desiccant



■ Clay desiccant

Clay desiccant is known as a green product due to its absolute safety and 100% environmental friendliness. It is non-toxic and non-rusty, containing no any resolvable material and calcium chloride.

■ UniPak clay desiccant

UniPak clay desiccant is designed and produced based on "Unit" according to the standards of DIN55473 and MIL-D- 3464E. **TOPSORB** has strict quality control for its adsorption capacity, strength, dust etc. The bentonite Clay we use as absorbent has more than 95% montmorillonite in purity, much higher other montmorillonite products at home and abroad. Its adsorption reaches 18%~20% at 40%RH. The package of laminated non-woven we use has excellent strength and tight structure to avoid damage and dust pollution. (Remarks: 1 Unit desiccant can absorb at least 6.0g moisture at 23±2°C, Rh40%.)

■ Application

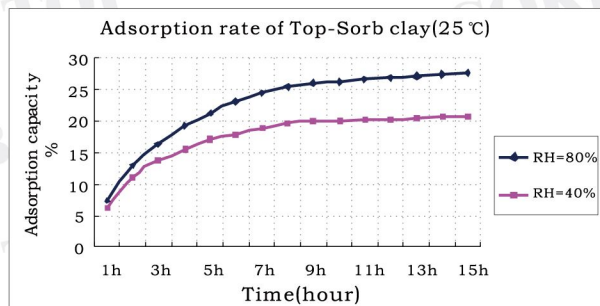
UniPak clay desiccant is widely used in precision machinery, instrument, medicine, electric and metal products and military-industry products etc.



■ Specification sheet

Specification	Pack Size (mm)	Weight (g)	Pack Qty (pcs/ctn)	Remarks
1/6 Unit	38*60	6	2500	Back Sealed
1/3 Unit	46*70	11	1200	Back Sealed
1/2 Unit	56*85	17	1000	Back Sealed
1 Unit	65*95	33	500	Back Sealed
2 Units	78*110	66	300	Back Sealed
4 Units	100*170	132	150	4-Side Sealed

■ Chart 1



■ Quality standard

PRC Military GJB2714-96 / USA Military 3464E/DIN55473



1mm~4mm



0.5mm~1.5mm

■ Absorbent

Montmorillonite clay is also called bentonite. Montmorillonite is scalelike and with the color of white, grey, buff, pink, purple etc. It is a natural non-metallic sedimentary or volcanic mineral. Some are with porous structure, some are hard and brickle, some are soft and satiny. The simplest chemical molecular formula of montmorillonite is $Al_2O_3 \cdot 4SiO_2 \cdot 3H_2O$, theoretically, it consists of $SiO_2(66.7\%)$, $Al_2O_3(25.3\%)$, $H_2O(5\%)$. However, its factual component is much more complicated. Montmorillonite produced at different places is quite different in its components.