

供应远影牌粘土干燥剂

产品名称	供应远影牌粘土干燥剂
公司名称	遠影工業有限公司
价格	1300.00/吨
规格参数	吸附量:37% 品牌:远影 水:1%
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产品详情

clay desiccant

clay desiccant is made of attapulgite. yuanying clay desiccant has great specific surface area, high adsorption capacity, high stability at high temperatures and in salt water

attapulgite also called palygorskite, mineralogical classification belongs to family of sepiolite, is a kind of layer-chain structure of hydrous rich magnesium aluminum silicate clay mineral. attapulgite has great specific surface area and certain ion exchange performance, most of positive ions, water molecules, a certain size of organic molecules can be adsorbed into its pore canal. attapulgite has stable electrochemical performance, hard to be electrolytic flocculation, high stability at high temperatures and in salt water. widely used for desiccant, anti-blushing agent, adsorbent, catalyst support, bacteriostat support.

attapulgite clay desiccant working temperature should be under 50 , if temperature over 50 , water release is bigger than water uptake. but clay desiccant is very cheap, so it becomes one of main mineral desiccant in the world.

clay desiccant has no deformation and no fever after moisture absorption, very few water-soluble substances, no corrosion to metal.

it has the following characteristics:

1. natural, non-toxic, tasteless, pollution-free, 100% natural degradation
2. super hygroscopic capacity, stronger than silica gel. no reverse osmosis after moisture adsorption, can guarantee the desiccant packages is always in dry state
3. selective adsorption of polar molecules, its adsorption capacity in turn is water > alcohol > aldehyde > ketone > alkene > neutral lipid > aromatic hydrocarbon > cyclanes > alkanes

4. strong decolorization capacity. 75-85% attapulgite decoloring capacity 110-130, is higher than active flordin
5. has a strong sterilization, deodorant, detoxification, insecticide capability, can be used for protective device for adsorbing gas
6. formed by the natural attapulgite, conform to the advanced industrial countries of the "4r" and "1d" standard

clay desiccant is widely used in electronics, electrical appliances, food, clothing, electrical and mechanical equipment, military, marine transportation and other industries.

粘土干燥剂原料是凹凸棒石。凹凸棒石attapulgite，又名坡缕石或坡缕缟石palygorskite，矿物学分类上隶属于海泡石族，是一种层链状结构的含水富镁铝硅酸盐粘土矿物。凹凸棒石具有非常大的比表面积和一定的离子交换性，大部份的阳离子、水分子和一定大小的有机分子均可直接被吸附进孔道中；电化学性能稳定，不易被电解质所絮凝，在高温和盐水中稳定性良好。广泛用作干燥剂、防潮珠、吸附剂、催化剂载体和抗菌剂载体等。

粘土干燥剂是由凹凸棒石制成。粘土干燥剂的外观形状为灰色小球，最适宜在50 以下的环境中吸湿。当温度高于50摄氏度时，粘土的“放水”程度便大于“吸水”程度，但粘土的优势在于价格便宜。粘土干燥剂因其低廉的价格，良好的吸附效果逐渐成为国际主流的矿物干燥剂原料之一。

远影采粘土干燥吸湿后不会发生变形，与水接触不发热，含有的水溶性物质很少，ph是6~8接近中性，所以不会对金属产生腐蚀。其作为吸附剂具有以下特点：

- 1、纯天然，无毒无味，无污染，可100%自然降解；
- 2、吸湿能力超强。同样条件下，比硅胶吸湿能力强；吸湿后不反渗，能保证干燥剂包装始终处于干燥状态；
- 3、能选择性吸附极性分子，其吸附能力依次为水>醇>醛>酮>正烯>中性脂>芳烃>环烷烃>烷烃；
- 4、较强脱色能力。凹土含量在75-85%，脱色力可达110-130，超过了活性白土；
- 5、具很强灭菌、除臭、去毒、杀虫能力，可用于防护装置吸附毒气；
- 6、由天然凹凸棒石活化、烘干而成，符合发达工业国家的“4r”和“1d”标准。

粘土干燥剂广泛用于电子、电器、食品、服装、机电设备、军工、海洋运输等行业。