

## 4A 分子筛 4A molecular sieve

可回烘重复使用  
RECHARGEABLE

7.5 磅 4A 分子筛是一种碱金属硅铝酸盐颗粒，能吸附直径不大于 0.4nm 的分子。分子筛吸附速度快，在 25°C，RH20% 条件下可吸湿自身重量 17% 以上的水蒸汽，可在 -20°C 的低温条件下使用。4A 分子筛颗粒大小为 1.5-2.5mm。

Our 7.5lbs molecular sieve utilize premium quality raw material. The 4A molecular sieve has a fast adsorption speed. With the capability of adsorbing molecules with a diameter of no more than 0.4 nm. At 77 °F /25°C , RH20% it can absorb more than 17% of its weight in water vapor. It can also be used in extremely low temperatures of -4 °F /-20°C . Each granule is 1.5 - 2.5 mm in size.

使用方法：将 4A 分子筛颗粒放入需要干燥的密闭空间内，定期更换。

**How to Use:** Place 4A molecular sieve granules into an enclosed storage space, until it needs to be replaced.

如何重复使用：

将吸湿后的分子筛颗粒放置于马弗炉中，550°C 下烘烤 3 小时后转移至干燥缸中，冷却至室温后使用。

**How to Reactivate:** The 4A molecular sieve granules can be placed in a muffle furnace and baked at 1020 °F /550°C for 3 hours, then transferred to a drying cylinder, and cooled to room temperature for use.



## 13X 分子筛 13X molecular sieve

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6.5 磅 13X 分子筛是一种碱金属硅铝酸盐，其孔径为 10A，能吸附直径小于 10A 的分子。可用于催化剂载体、水和二氧化碳共吸附、水和硫化氢气体共吸附，在 25°C，RH20% 条件下可吸湿自身重量 20% 以上的水汽。13X 分子筛颗粒大小为 1.5-2.5mm。

Our 6.5lbs molecular sieve utilize premium quality raw material: 13X molecular sieve that is an alkali metal aluminosilicate with a pore size of 1 nm and capable of adsorbing molecules less than 1 nm. It can be used as a catalyst carrier, water and carbon dioxide co-adsorption, water and hydrogen sulfide gas co-adsorption. At 77 °F /25°C , RH20% it can absorb more than 20% of its weight in water vapor. Each granule is 1.5-2.5 mm in size.

使用方法：将 13X 分子筛颗粒放入需要干燥的密闭空间内，定期更换。

**How to Use:** Place 13X molecular sieve granules into an enclosed storage space, until it needs to be replaced.

如何重复使用：

将 13X 分子筛颗粒置于马弗炉中，在 550°C 下烘烤 3 小时后转移至干燥缸中，冷却至室温备用。

**How to Reactivate:** The 13X molecular sieve granules can be placed in a muffle furnace, and baked at 1020 °F /550°C for 3 hours, then transferred to a drying cylinder, and cooled to room temperature for use.



## 氯化钙 Calcium Chloride

氯化钙含量 ≥ 94%  
Calcium Chloride content ≥ 94%



7 磅氯化钙化学式为  $\text{CaCl}_2$ , CAS No. 10043-52-4, EINECS No. 233-140-8 在空气中易吸收水分发生潮解, 工业领域可用作多用途干燥剂, 如用于氮气、氧气、氢气、氯化氢、二氧化硫等气体的干燥。生产醇、酯、醚和丙烯酸树脂时用作脱水剂。氯化钙水溶液是冷冻机和制冰用的重要致冷剂, 能加速混凝土的硬化和增加建筑砂浆的耐寒能力, 是优良的建筑防冻剂。用作港口的消雾剂和路面集尘剂、织物防火剂。用作铝镁合金的保护剂、精炼剂。是生产色淀颜料的沉淀剂。用于废纸加工脱墨。

Our 7lbs calcium chloride CAS No. 10043-52-4, EINECS No. 233-140-8 utilize premium quality raw material: which absorbs moisture from the air rapidly and can be used as a multi-purpose desiccant in the industrial field, such as for drying nitrogen, oxygen, hydrogen, hydrogen chloride, sulfur dioxide and other similar compounds.

It can be used as a dehydrating agent in the production of alcohols, esters, ethers and acrylic resins. Calcium chloride aqueous solution is also an important refrigerant for refrigerators and ice making. It can accelerate the hardening of concrete and increase the cold resistance of building mortar. It is an excellent building antifreeze. Furthermore, it can be used as an anti-fogging agent and pavement dust collector and fabric fireproofing agent for ports. It even works as a protective agent and refining agent for aluminum-magnesium metallurgy. It is also a precipitant for the production of lake pigments and used for wastepaper processing and deinking.

使用方法: 氯化钙吸湿后会变为液体, 因此作为干燥剂使用时, 需将氯化钙放置于不漏水的容器中, 将容器放置在需要干燥的空间内, 定期更换, 注意容器内氯化钙体积不宜过满。

**How to Use:** The Calcium chloride will turn into a liquid after moisture absorption. Therefore, when used as a desiccant, calcium chloride should be placed in a watertight container. Place the container in a space that needs to be dried and replace it as needed. Note that the volume of calcium chloride in the container must not be too full. Replace calcium chloride regularly.



## 蒙脱石 Calcium montmorillonite

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9 磅钙基蒙脱石是一种天然矿物, 是指层间阳离子为钙离子的蒙脱石, 为白色或淡黄色颗粒, 因含铁量不同有灰色、紫红色等多种颜色, 蒙脱石在 25°C, RH40% 条件下可吸湿自身重量 17% 以上的水汽。蒙脱石颗粒大小为 1 - 4mm。

Our 9lbs montmorillonite clay utilize premium quality natural mineral: Calcium montmorillonite. Due to its differing iron contents, the granules can be white, yellow, gray and purple in color.

At 77 °F /25 °C , RH40%, the granules can absorb more than 17% of its weight in water vapor. Each granule is 1 - 4 mm in size.

使用方法: 将蒙脱石颗粒放入需要干燥的密闭空间内, 定期更换。

**How to Use:** Place montmorillonite granules into an enclosed storage space, until the montmorillonite needs to be replaced.

如何重复使用:

将吸湿后的蒙脱石颗粒放入烘箱中, 在 130°C 下烘烤 3 小时后转移至干燥缸内, 冷却至室温后使用。

**How to Reactivate:** Place the montmorillonite granules in an oven-proof bowl then place it into the oven to reactivate for 3 hours at 365 °F (180°C).



- 有关其他干燥剂解决方案 请访问 [wisepac.com](http://wisepac.com) •
- For additional desiccant solutions visit [wisepac.com](http://wisepac.com) •

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