

## Activated alumina hydrogen peroxide regenerant



Hydrogen peroxide special activated alumina X-p-type hydrogen peroxide for alumina, white ball, the ability to absorb water. Hydrogen peroxide special activated alumina has many capillary channels, large surface area. It is also based on the polarity of adsorbed substances to determine the strong affinity for water, oxides, acetic acid, alkali, etc. It is a water depth desiccant, but also adsorbed polar molecules adsorbent.

This product is used for the regeneration of working solution in anthraquinone hydrogen peroxide production. Especially for the production of palladium catalyst and three-component nickel catalyst, there is no ideal means for recovery of working fluid. Regeneration mainly depends on activated alumina. It is an essential chemical material for hydrogen peroxide production. The domestic hydrogen peroxide industry, the detection and evaluation and industrial applications, it is less floating powder, low wear, large surface area, renewable capacity, long life, and similar foreign products, is currently the ideal hydrogen peroxide industry products.

### Technical Parameters:

Project	Index		
Crystalline phase	$\chi$ -p Al <sub>2</sub> O <sub>3</sub>		
Particle size mm	$\phi$ 3--5	$\phi$ 4--6	$\phi$ 5--7
Appearance	White spherical		
Bulk density g/cm <sup>3</sup>	0.68--0.75	0.65--0.72	0.62--0.68
Strength N/tablets	≥ 120	≥130	≥150
Surface area m <sup>2</sup> /g	300--360		
Pore volume cm <sup>3</sup> /g	0.38--0.42		
Water absorption %	≥50		
Static adsorption capacity	17±1		