



## **HYAA300 (Activated Alumina)**

### **Description:**

HYAA300 is a very porous form of aluminum oxide of high surface, typical chemical formula  $Al_2O_3 \cdot nH_2O$ .

### **Application:**

Applied in dehydration of many kinds of gases and liquids, the product is widely applied in dehydration of air, industrial gas, inert gas, natural gas, cracked gas and so on.

### **Specification:**

Properties		Unit	White Beads
Items			
Particle Size	mm		4.0-6.0
Qualified Size Ratio	%		$\geq 90$
Specific Surface Area	$m^2/g$		$\geq 300$
Pore Volume	$mL/g$		$\geq 0.40$
Bulk Density	$g/mL$		$0.72 \pm 0.03$
Crush Strength	N		$\geq 160$
H <sub>2</sub> O Adsorption Capacity	wt%		$\geq 17.0$
Loss On Ignition	300-1000°C	wt%	$\leq 8.0$
	0-300°C		$\leq 2.0$
Attrition	wt%		$\leq 0.4$

### **Standard Packaging:**

- 25 Kg / Bag, 1000 Kg / Big Bag
- 30 Kg / Steel Drum

### **Attention:**

- The product as desiccant cannot be exposed in the open air and should be stored in dry condition.