

# STANDARD ACTIVATED ALUMINA

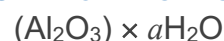
## ACTIVATED ALUMINA

### DESCRIPTION

*Standard Activated Alumina* is manufactured for water adsorption and filtration applications by adsorbing impurities from the surrounding environment. Activated alumina can be used in a wide range of applications including the production of chemicals, pharmaceuticals, and in static or dynamic dehydration applications. This activated alumina offers a high adsorption capacity for both static and dynamic adsorption processes.

- used to dehydration or filtration applications
- capable of dehydrating surrounding environment
- creates ideal environment for the production of chemicals and pharmaceuticals
- offers advantageous adsorption capacity in static and dynamic applications

### CHEMICAL FORMULA



### SPECIFICATIONS

Activated Alumina			
Standard Activated Alumina		Beads	
Property	Unit	1/16 Inch	7x14 Mesh
Surface Area	m <sup>2</sup> /g	≥290	≥285
Pore Volume	cc/g	≥0.35	≥0.30
Bulk Density	g/mL (lb/ft <sup>3</sup> )	0.80 ±0.03 (49.8 ±2)	0.80 ±0.03 (49.8 ±2)
Crush Strength	N (lbm*ft/s <sup>2</sup> )	≥20 (≥4.5)	≥20 (≥4.5)
Static Water Adsorption	wt%	≥15.0	≥15.0
Loss On Ignition 0-300°C (32-570°F)	wt%	≤4.0	≤4.0
300-1,000°C (570-1,835°F)	wt%	≤8.0	≤8.0
Attrition	wt%	-	-
Packaging Options	1,000kg (2,204.6lb) / Super Sack; 150kg (330.7lb) / Drum; 25kg (55.1lb) / Bag		

### INDUSTRIES USED

chemical production  
pharmaceutical production

static applications  
dehydration

desiccant drying  
water purification

### STORAGE

As an adsorbent, activated alumina should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

## CONNECT WITH US...

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ISO 9001:2008



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