

# PSEUDOBOEHMITE

## DESCRIPTION

*Pseudoboehmite* is a specialized form of aluminum oxide that has a higher water content than typical boehmite. This product is composed of  $Al_2O_3$  and  $H_2O$  and can be used as a raw material for making activated alumina and catalysts. Pseudoboehmite is also commonly used in Fluid Catalytic Cracking Units (FCCUs) along with other catalysts such as HYZSM5.

- composed of aluminum oxide
- structurally similar to boehmite, but with shorter  $AlOOH$  chains and more water attached
- can be used as raw material for creating catalysts and/or activated aluminas
- extensively used in fluid catalytic cracking units

## CHEMICAL FORMULA



## SPECIFICATIONS

Molecular Sieve				
Pseudoboehmite				
Property	Unit	Pseudoboehmite 261	Pseudoboehmite 262	
Specific Surface Area	$m^2/g$	$\geq 320$	$\geq 400$	
Pore Volume	$cm^3/g$	$\geq 0.72$	$\geq 0.90$	
Loss on Ignition 0-110°C (32-230°F)	wt%	$\leq 16$	$\leq 30$	
110-1,100°C (230-2,012°F)	wt%	$\leq 30$	$\leq 25$	
Na <sub>2</sub> O Content	wt%	$\leq 0.1$	$\leq 0.1$	
Packaging Options	Super Sack and Drum options available			

## INDUSTRIES USED

fluid catalytic cracking (FCC)

catalyst base

alumina raw material

## STORAGE AND HANDLING

This product 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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