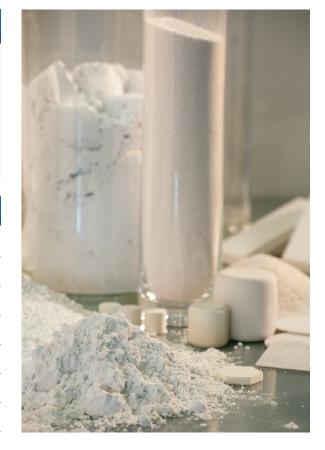


ACTIVATED ALUMINA (AL₂O₃)

Activated Alumina is produced from aluminum hydroxide feedstocks. Through controlled thermal treatment most water is eliminated to form the crystal lattice. Activated aluminas are particularly effective as filter medias due to the porosity of the grain. Activated Alumina can be doped to aide in pH balancing of filtered materials.

TYPICAL ANALYSIS	
(Al ₂ O ₃)	≈ 90%
(Na ₂ O) Total	≈0.099525%
(CaO)	ca. 0.01%
(Fe ₂ O ₃)	ca. 0.02%
Loss on Ignition	≈8%
Specific Surface Size	200-260 m ² /g
Pore Volume	≈0.35 cm ³ /g



SIZES		
≤ 0.5 mm	1.0 - 2.5 mm	2.0 - 5.0 mm
0.3 - 1.0 mm	1.0 - 3.0 mm	2.5 - 7.0 mm
0.3 - 2.0 mm	1.0 - 5.0 mm	5.0 - 10.0 mm

TYPICAL APPLICATIONS	
Filtration	Purification of Process Liquids and Gases
Adsorption	pH Balance
Desiccant	

TYPICAL PROPERTIES	
Large Specific Surface Area	
High Pore Volume	
Defined Pore Size Distribution	
Specific Catalytic Reactivity	
Specific Adsorptive Capacity	
High Crushing Strength	



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