

Activated Alumina Desiccant

1/8", 3/16" & 1/4"
Diameters

Uniform bead diameters

High crush strength

Low abrasion, low
dusting

High adsorption capacity

Low pressure drop

50 lb bags

300 lb fiber drum

2,000 Lb bulk container

Made in the USA

Aurora® brand activated alumina is a very porous form of aluminum oxide of high spherical surface area that adsorbs water, water vapor and gasses without any change in form. Activated alumina may be regenerated to its original adsorption efficiency by heating it to a temperature between 350-600°F, or by a flow of sweep air and rapid depressurization.



Other types of adsorbents such as Molecular Sieve and Silica Gel desiccants are also available.

Activated Alumina Properties

Part Number	AA-1/8	AA-3/16	AA-1/4
Bead Size	1/8" Dia.	3/16" Dia	1/4" Dia
Color	White	White	White
Surface Area	355m ² /gram	340m ² /gram	325m ² /gram
Bulk Density	48 lbs./ft ³	48 lbs./ft ³	48 lbs./ft ³
Crush Strength	30 lbs.	55 Lbs.	70 Lbs
Abrasion Loss	.1%	.1%	.1%
Static Adsorptive Capacity (% by Wt)	@ 60% R.H. = 29.0 @100% R.H. = 42.0	@ 60% R.H. = 29.0 @100% R.H. = 42.0	@ 60% R.H. = 29.0 @100% R.H. = 42.0
Pore Volume	.05 cc/gram	.05 cc/gram	.05 cc/gram

Distributed By:



Aurora Dynachill
Charlotte, NC 28209
Phone: 704-525-3182
Fax: 704-523-5064

www.auroracompressedair.com



Publication 04/09