AxSorb D 4 - 8

Technical Data Sheet

Application: Highly recommended for air and gas drying, where high water adsorption capacity combined withexcellent mechanical properties are mandatory.

Description: Regenerative Activated Alumina with high water adsorption capacity and strong attrition resistance to ensure less dust formation to protect downstream valves and minimize filter plugging.

AxSorb D presents an exceptional cyclic stability in Thermal Swing Adsorption (TSA) applications as it minimizes hydrothermal ageing when meeting low dew point specifications. It also shows long term performance in Pressure Swing Adsorption (PSA) applications because of its very good mechanicals properties.

TYPICAL PROPERTIES		
High purity Alumina beads		
Diameter	4.0 to 8.0	mm
Alumina (Al203)	93.5 min.	wt%
Sodium oxide (Na2O)	3200	wt ppm
Loss on ignition (300-1000°C)	5	wt%
Surface area	330	m^2/g
Total pore volume	44	$cm^3/100g$
Sock loading density	770	kg/m^3
Dense loading density	850	kg/m^3
Particle crushing strength	44	daN
Attrition resistance (AIF method)	99.2	wt%
Statistic adsorption (at 60% RH)	20.8	wt%

These indicative properties do not represent process capabilities nor specifications.

SHIPPING INFORMATION	
Packaging	217 l. fiber drums. Net 160 kg (353 lbs)

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We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you.

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