



ALUSORB™

DEFLUORINATING ALUMINA

Grade KA-402



Applications

Typical applications include, water purification, glass bottle manufacture, petrochemical and pesticide manufacture.

Regeneration

Material to be replaced when saturated.

Description

Activated alumina is a highly porous, ceramic compound that can absorb both gases and liquids. Alumina can be described as white spherical beads in various sizes.

Grade KA402 alumina is used specifically as a defluorinating agent in liquid applications. It allows for the removal of arsenic and fluoride in drinking water as well as being a polishing agent for industrial waste water.

Specifications

Physical Properties	Unit	
Appearance		White, Sphere, No Odor, Insoluble in Water
Chemical Composition	Al ₂ O ₃ %	≥93
	Na ₂ O %	≤0.3
	SiO ₂ %	≤0.1
Loss of Ignition	%	≤6
Bulk Density	g/ml	0.69
Surface Area	m ² /g	320
Pore Volume	ml/g	0.45
Static Adsorption	(RH=60%)	0.12
Attrition Loss	%	≤1.0
Crush Strength	1-2mm bead	≥40N
	2-3mm bead	≥60N

Packaging

Supplied in 25 kg Kraft paper bags. Optional hermetically sealed 150 kg steel drums and or 500 kg bulk bags. Custom packaging down to 20 lit pales is available on request.

All information presented in this publication are perceived to be accurate and reliable. All risks and liability obtained by use of this product are assumed by the user. No warranties are made regarding the data of the products above whether it be expressed or implied.



The user should not assume that data and safety measures are indicated or that other procedures may not be required.

For more information please do not hesitate to contact us

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DIVISION