



PRODUCT SPECIFICATIONS

aSORB[®] AA18B, AA316B, AA14B

Activated Alumina, 1/8", 3/16", 1/4"

CHEMICAL FORMULA $Al_2O_3 \cdot nH_2O$

PRODUCT DESCRIPTION

aSORB[®] activated alumina is a synthetically produced aluminum oxide in a smooth spherical form with a high crush strength. It is highly porous and can have a surface area greater than 300 m²/g. It is an excellent desiccant for liquids and gasses and can reduce the dew point of air to -40°C. **aSORB[®]** activated alumina will adsorb all molecules but preferentially adsorbs the molecules with the highest polarity.

TYPICAL CHEMICAL COMPOSITION (Wt %)

Al ₂ O ₃	92.7
SiO ₂	0.02
FE ₂ O ₃	0.02
NA ₂ O	0.30

SPECIFICATIONS

	1/8 " (3.2mm)	3/16 " (4.7mm)	1/4 " (6.4mm)
Surface Area, m ² /g	> 300	> 300	> 300
Total Pore Volume, cc/g	0.5	0.5	0.5
Bulk Density, lbs/ft ³ (kg/m ³)	≥ 47 (753)	≥ 47 (753)	≥ 47 (753)
Crush Strength, lbs (N)	≥ 27 (120)	≥ 42 (180)	≥ 67 (300)
LOI (250-1100 °C)	< 7	< 7	< 7
Abrasion Loss, Wt %	≤ 0.5	≤ 0.5	≤ 0.5

TYPICAL APPLICATIONS

As a desiccant in compressed air dryers; water purification to remove fluoride, arsenic and selenium; removal of degradations acids from transformer oils, lubricating oils and refrigerants; natural gas drying; liquefied natural gas drying.

PACKAGING INFORMATION

Bags 25 kgs & 50 lbs
Drums 170 kgs
Super Sacks Fill weights to order specification

HANDLING & STORAGE RECOMMENDATIONS

Store **aSORB[®]** activated alumina in a dry location to prevent premature water adsorption. Reseal packages after opening to prevent contamination and unintended water adsorption. We recommend that you rotate stock so oldest material is used first.

HEALTH & SAFETY INFORMATION

Health and Safety Information is available on product MSDS, which can be downloaded from our web site www.interraglobal.com or by contacting Interra Global Corporation at 847.292.8600.