



PRODUCT SPECIFICATIONS

sSORB® AW25B

Silica Gel, Type A, White, 2-5 mm, Beaded

CHEMICAL FORMULA $\text{SiO}_2 \cdot n\text{H}_2\text{O}$

PRODUCT DESCRIPTION

sSORB® AW25B silica gel is the naturally occurring mineral silicon dioxide that has been purified and processed into a hard, smooth beaded form. It is also known as a narrow pore silica gel and has a vast network of interconnecting pores with diameters of 20-30Å. These pores have a strong affinity for moisture and use physical adsorption and capillary condensation to trap and hold it. Silica gel will remove moisture at temperatures as high as 220°F, but is best used at room temperature (70-90°F) and high relative humidity (60-90%Rh).

SPECIFICATIONS		
Property	Value	Unit
Bead Size	2 - 5	mm
Nominal Pore Opening	20 - 30	Angstroms
Color	White (Clear)	Color
pH(Slurry)	≈ 7	pH
Water Adsorption Capacity (7hr test as specified in Mil-D-3464E)		
	@ 20% R.H. 25°C	≥ 11 % Weight
	@ 40% R.H. 25°C	≥ 22 % Weight
	@ 80% R.H. 25°C	≥ 33 % Weight
Bulk Density	≥ 700	g/l
	≥ 44	lbs/ft ³
Size Qualification	≥ 97	%
Package Moisture	≤ 1.5	% Weight

TYPICAL APPLICATIONS

Desiccant in compressed air dryers; in desiccant packets for protection of packaged products such as electronics, vitamins, pharmaceuticals, foodstuffs, etc.; catalyst carrier, and any desiccant application requiring premium performance, higher capacity, energy savings, and long term economy.

PACKAGING INFORMATION

Bags 25 kgs
Drums Fill weights to order specification
Super Sacks Fill weights to order specification

HANDLING & STORAGE RECOMMENDATIONS

Store **sSORB®** silica gel 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.deltaadsorbents.com or by contacting Delta Adsorbents at 800.274.3205.

DISTRIBUTED BY:

Delta Adsorbents
24 Congress Circle
Roselle, IL 60172

Phone: 800.274.3205
Fax: 630.980.5286

