



## 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 <sup>3</sup>
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.interraglobal.com](http://www.interraglobal.com) or by contacting Interra Global Corporation at 847.292.8600.