

sSORB® AW White Silica Gel Beads, Type A

CHEMICAL FORMULA SiO₂ · nH₂O

PRODUCT DESCRIPTION

sSORB type-A white silica gel is a synthetically modified silicon dioxide that has been purified and processed into a hard, smooth bead. sSORB silica gel's high surface area has a vast network of narrow interconnecting pores which have a strong affinity for moisture. 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).

TYPICAL PROPERTIES				
PRODUCT CODE		AW13B	AW25B	AW48B
Particle Diameter (mm)		1 - 3	2 - 5	4 - 8
Particle Type		Bead	Bead	Bead
Type		A	A	A
Nominal Pore Opening (Å)		20 - 30	20 - 30	20 - 30
Color		White/Clear	White/Clear	White/Clear
Water Adsorption Capacity (wt%)	20% RH	≥ 11	≥ 11	≥ 11
	40% RH	≥ 22	≥ 22	≥ 22
	80% RH	≥ 33	≥ 33	≥ 33
Bulk Density (g/l) [(lb/ft ³)]		≥ 700 [≥ 44]	≥ 700 [≥ 44]	≥ 700 [≥ 44]
Size Qualification (%)		≥ 95	≥ 95	≥ 90
Package Moisture (wt%)		≤ 2	≤ 2	≤ 2

TYPICAL APPLICATIONS

sSORB silica gel is frequently used in compressed air dryers, in desiccant packets to protect products, as a catalyst carrier, and, generally, in any desiccant application requiring premium performance, high capacity, and energy savings.

PACKAGING INFORMATION

Available in 55 lb (25 kg) bags and super sacks filled to order.

HANDLING & STORAGE RECOMMENDATIONS

Reseal packages and store in a dry location to prevent unintentional water adsorption. We recommend that you rotate stock so oldest material is used first.

HEALTH & SAFETY INFORMATION

Health and safety information is available on our product SDS, which can be downloaded from our web site interraglobal.com or by contacting Interra Global at 847.292.8600.