



PRODUCT DATA

sSORB®
GRANULAR WHITE SILICA GEL, TYPE A

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

PRODUCT DESCRIPTION

sSORB type-A is the granular form of the adsorbent silica gel. Silica gel is synthetically modified to give it a vast internal network of interconnecting cavities creating a very large internal surface area for adsorption as a desiccant. Silica gel's signature characteristic is its ability to adsorb moisture in humid environments and performs best at 60 – 90% relative humidity at ambient temperature.

TYPICAL PROPERTIES				
PRODUCT CODE	AW0210G	AW0515G	AW1530G	AW36G
Particle Shape	Granular	Granular	Granular	Granular
Particle Size (mm)	.2 – 1.0	.5 - 1.5	1.5 - 3	3 - 6
Nominal Pore Opening (Å)	20 – 30	20 – 30	20 – 30	20 – 30
Color	White / Clear	White / Clear	White / Clear	White / Clear
Water Adsorption Capacity @20% RH, 25° C	≥ 11	≥ 11	≥ 11	≥ 11
Water Adsorption Capacity @40% RH, 25° C	≥ 22	≥ 22	≥ 22	≥ 22
Water Adsorption Capacity @80% RH, 25° C	≥ 33	≥ 33	≥ 33	≥ 32
Bulk Density (lb/ft ³ [g/l])	≥ 44 [≥700]	≥ 44 [≥700]	≥ 44 [≥700]	≥ 44 [≥700]
Size Qualification (%)	≥ 97	≥ 97	≥ 97	≥ 90
Package Moisture (wt%)	≤ 2	≤ 2	≤ 2	≤ 2

TYPICAL APPLICATIONS

Given its high affinity for water, sSORB granular white silica gel is used in the gas industry to dry natural gas, as a desiccant in packaging, for protecting cargo, electronics, vitamins, pharmaceuticals, foodstuffs and also in compressed air dryers.

INTERRA GLOBAL

Please contact the Interra Global Technical Sales Department to discuss your requirements. We look forward to becoming a valued partner to your company.

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

Our product SDS can be downloaded from our web site interraglobal.com or by contacting Interra Global at 847.292.8600.