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WHITE GRANULAR SILICA GEL: **BIL-10127-WSG**

[1] PRODUCT DESCRIPTION:

Silica Gel BIL-10127-WSG is a narrow pore, granular form of white silica.

[2] PRODUCT SPECIFICATION:

Property	Unit	Specification
Moisture Content (160°C)	%	1.5 max.
Screen Analysis:		
> 6.30 mm	%	5.0 max.
> 4.00 mm	%	20.0 min
> 3.15 mm	%	30.0 max.
< 2.50 mm	%	7.0 max.

[3] TYPICAL PROPERTIES:

Property	Unit	Typical Value
H ₂ O-Adsorption Capacity:		
10 % r.h., 25°C	%	6
80 % r.h., 25°C	%	32
Bulk Density	g/l	690-760

[4] RECOMMENDED APPLICATIONS:

Silica Gel BIL-10127-WSG consists of relatively large granules and is used in a wide variety of drying and purification processes. The main uses are in dynamic drying and hydrocarbon dew point control of Natural Gas, drying of other gases and liquids in refining and petrochemical processes, and in air drying.

[5] PACKAGING INFORMATION:

Silica Gel BIL-10127-WSG is supplied in plastic or steel drums.

25 kg/drums	24 drums/pallet	600 kg/pallet	pallet: 1200 x 1000 mm
125 kg/200 l drum	4 drums/pallet	600 kg/pallet	pallet: 1200 x 1000 mm

[6] HANDLING AND STORAGE RECOMMENDATIONS:

Baltimore silica gel should be handled so as to avoid generation of dusty conditions at the workplace. When pouring into a container in the presence of flammable liquids, gases or dust, both containers should be electrically earthed. Additional information can be found in our Safety Data Sheet. Storage in a dry warehouse is recommended. Open packages should be resealed to prevent contamination and adsorption of water or other gases and vapors. The material in bags should be used within 1 year, the material in drums within 4 years (from the date of production).

[7] HEALTH AND SAFETY INFORMATION:

Baltimore silica gel is an amorphous form of silica. In active conditions it will release heat when adsorbing water or other substances. If a large quantity of silica gel quickly adsorbs water, the adsorbent can become hot enough to cause thermal burns on the skin; contact has to be avoided under these conditions. Information to date indicates that the dust from the product is not toxic and does not cause fibrosis. The Occupational Exposure Limit in Germany is 4 mg/m³ for total dust (MAK). Additional information can be found in our Safety Data Sheet. Please refer also to national laws and regulations.

[8] OTHER INFORMATION:

We hope the information given here will be helpful. It is based on data and knowledge which we believe to be true and accurate and is offered for the user's consideration, investigation and verification. Accordingly, save in the event of gross negligence or willful misconduct of ourselves and our agents, we will not be liable for any damages resulting from errors, omissions or non-compliance of the information set forth herein. Further, please read all statements, recommendations or suggestions in conjunction with our General Conditions of Delivery, Performance and Payment which limit our liability with respect to all goods supplied by us. Test methods are available on request. The above information is given in good faith, but without guarantee. No patent liability is assumed.

Effective Date: 1st October 2007

Specification No: BIL10127WSG