

BDH Prolabo – The chemical brand from VWR International

Silica gel SORBSIL[®] CHAMELEON[®] granules with moisture indicator

Keep your products dry in an environmentally friendly way!

Moisture damage is a widespread and costly problem in many industries, for example in the production and storage of manufactured goods ranging from delicate electronic products through to heavy engineering components.



How does it work?

Silica gel adsorbs water vapour maintaining a dry environment for your products. When the adsorption capacity for water vapour is exhausted (50% relative humidity, 23 °C) the gel changes from orange to nearly colourless and the gel should be replaced or regenerated.



Why to choose silica gel SORBSIL® CHAMELEON®?

- **I system:** uses an inorganic compound that is not classified as dangerous under EC legislation, and so can be used safely in a wide range of applications.
- **Cost reduction:** the indicating properties, in combination with its high adsorption capacity, removes the risk of contamination or mould growth thus considerably reducing costs due to product damage or loss.
- **Trouble free:** this desiccant retains its dry granular form, even when fully saturated, while the high strength and abrasion resistance ensures that there is minimal dust creation during use.

SORBSIL® CHAMELEON® can be used in all types of analysis where humidity is to be avoided.

Silica gel SORBSIL® CHAMELEON® is available in 2 different particle sizes, in 1 kg and 5 kg pack sizes.

Sorbsil® CHAMELEON® silica gel granule size		Colour change	pH (20°C; 5 %)	Loss on drying (140°C)	Water adsorption capacity (23°C; 50 % RH)	Pack size (kg)	Standard box quantity	Cat. No.
Particle size (mm)	Tyler mesh							
2-6	9-3	Passes test	2.0 --> 5.0	Max. 2.0 %	Min. 23.0 %	1	6	83000.290
						5	4	83000.360
1-3	16-6					1	6	83001.290
						5	4	83001.360

Water adsorption isotherms for SORBSIL® CHAMELEON® silica gel and clay at 23°C

