

# Non-Indicating Silica Gel, Granular

**multicomp** PRO

## Features

- A narrow pored granular form of amorphous silica free from extraneous matter.
- The irregular granules are a white/translucent colour.
- They remain physically unchanged when dry and when saturated with water.



## Typical Properties

Moisture content at 145°C 2% maximum Equilibrium capacity for water vapour at 25°C and given relative humidity (r.h.)	2% maximum
10% r.h.	6½ % w/w (weight for weight)
20% r.h.	12% w/w
50% r.h.	27% w/w
80% r.h.	36% w/w
BET surface area	600 ~ 800m <sup>2</sup> /g
Pore volume	0.35 ~ 0.45 ml/g
Average pore diameter	20 ~ 30A
pH (10% aqueous solution)	Not less than 3.5
Bulk density	700 ~ 770g/l
Water soluble sulphates	1.0% maximum
Water soluble chlorides	0.05% maximum
Ammonia/ammonium compounds	10mg/kg maximum
Friability and dust	Not more than 0.5% less than 125 micron

Particle Sizes	Very Fine	0.2 ~ 0.5mm
	Fine	0.5 ~ 1mm
	Medium	1 ~ 3mm
	Coarse	3 ~ 6mm
Toxicity	Non-toxic	
Storage	Packages should be kept closed and in a dry place	
Shelf-Life	Shelf-life of between one and three years depending on packing type	
Regeneration can be carried out at temperatures between 120°C and 150°C.		

Description	Nominal Desiccant Content	Part Number
Non-Indicating Silica Gel, Granular, 50 mm (W) × 80mm (L) Including seal	10g	MC3090081

Packaging design may vary.

This material meets the requirements of BS 2540:1991 Granular Desiccant Silica Gel, DIN 55473:2001-2002.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

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