

Non-Indicating Silica Gel, Granular

multicomp PRO

**RoHS
Compliant**



Description

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 to 800 m ² /g
Pore volume	0.35 to 0.45 ml/g
Average pore diameter	20A to 30 A
pH (10% aqueous solution)	Not less than 3.5
Bulk density	700 - 770 g/l
Water soluble sulphates	1% 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	0.2mm to 0.5mm
	Fine	0.5mm to 1mm
	Medium	1mm to 3mm
	Coarse	3mm to 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.		

Packaging design may vary. This material meets the requirements of BS 2540:1991 Granular Desiccant Silica Gel, DIN55473:2001-2002 and Mil-D-3464E.

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Part Number Table

Description	Nominal Desiccant Content (g)	Dimension (mm)	Qty/Box	Part Number
Non-Indicating Silica Gel, Granular	0.5	H35 W20	500	MP004367
	0.5	H35 W20	240	MP004368
	1	H35 W20	250	MP004369
	3	H55 W30	250	MP004370

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