

# Silica-Gel Dessicant Sachets (Non-Indicating)



## 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	Test Method
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
Pore volume	0.35 – 0.45 ml/g
Average pore diameter	20 - 30 Å
pH (10% aqueous solution) Not less	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
Frability and Dust	Not more than 0.5% less than 125 micron
BET surface area	600 - 800 m <sup>2</sup> /g

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<b>Partical sizes</b>	Very Fine	0.2 – 0.5 mm
	Fine	0.5 – 1.0 mm d
	Medium	1.0 – 3.0 mm
	Coarse	3.0 – 6.0 mm
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.**

<b>Product Code</b>	<b>Description</b>	<b>Nominal Dessicant Content (g)</b>	<b>Quantity</b>
RND 605-00141	Silica Dessicant Sachets (Non-Indicating)	100g (93X125mm)	Pack of 100
RND 605-00142	Silica Dessicant Sachets (Non-Indicating)	25g (50X110mm)	Pack of 100