

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 ² /g |

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| | | |
|-----------------------|---|----------------|
| Partical sizes | 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.

| Product Code | Description | Nominal Dessicant Content (g) | Quantity |
|---------------------|---|--------------------------------------|-----------------|
| 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 |