

## Product Data Sheet Silica Gel White

Revision 05 from 01/2020

### Silica Gel White

**Product name**

Silica Gel White

**Product Description**

Hard, vitreous pearls of silicone dioxide. Due to its large inner surface area it can adsorb large amounts of water vapour. The possibility of regeneration makes the product environmentally friendly.

**Properties**

Silicon dioxide: > 97%	Bulk density: > 720 g/l
PH-Value: > 4	Pore Volume: 0.35 – 0.45 ml/g
Loss on drying 150°C: < 2%	Specific surface area: 650 – 800 m <sup>2</sup> /g
Grain size: 3 – 5 mm	≥ 5 mm: < 2%
	≤ 3 mm: < 2%
Adsorption capacity for water vapour at 25 °C	r.H. = 20%: > 8%
	r.H. = 50%: > 25%
	r.H. = 90%: > 35%

**Application**

Silica Gel White protects your goods during transport and storage against corrosion, mildew and other damages caused by humidity. Its chemical characteristics make it ideal for drying air or other gases. The recommended regeneration temperature ranges from 100 °C – 150 °C on an oven.

**Packaging**

1 kg bag, 25 kg bag

**Handling**

When handling the material, the pertinent national health and safety regulations apply. To protect the activity of Silica Gel White it is sealed in an airtight bag. An added indicator card shows the relative humidity in the package. Due to the highly hygroscopic effect of the desiccant please open directly before use. In case of a partial removal, please close the protective packaging immediately and tightly.

**Note**

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