



ThoMar OHG · Basedower Weg 10 · D-21483 Lüttau
 T: +49(0)4153 55900 - 00 · F: +49(0)4153 55900 - 99
 info@thomar.de · www.thomar.de

Desi Dry – from Silica Gel
 Wrapping: Tyvek®

Product name	Desi Dry desiccant bag 0.5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g												
Product description	The Desi Dry desiccant bags consist of a low-dust or dust-free water vapour permeable material. Desi Dry desiccant bags can be supplied in different size ranging from 0.5 g to 60 g. In accordance to temperature and relative humidity the desiccant bags can adsorb up to 1/3 of their own weight of water vapour.												
Properties granules	<table border="1"> <tr> <td>pH-Value: > 4</td> <td rowspan="2">Grain size</td> <td>0.5 g, 1 g: 1 – 3 mm</td> </tr> <tr> <td>Silicon dioxide: > 97 %</td> <td>≥ 2 g: 2 – 4 mm</td> </tr> <tr> <td rowspan="3">Adsorption capacity for water vapor at 25 °C</td> <td>r.H. = 20 %:</td> <td>> 8 %</td> </tr> <tr> <td>r.H. = 50 %:</td> <td>> 20 %</td> </tr> <tr> <td>r.H. = 90 %:</td> <td>> 30 %</td> </tr> </table>	pH-Value: > 4	Grain size	0.5 g, 1 g: 1 – 3 mm	Silicon dioxide: > 97 %	≥ 2 g: 2 – 4 mm	Adsorption capacity for water vapor at 25 °C	r.H. = 20 %:	> 8 %	r.H. = 50 %:	> 20 %	r.H. = 90 %:	> 30 %
pH-Value: > 4	Grain size	0.5 g, 1 g: 1 – 3 mm											
Silicon dioxide: > 97 %		≥ 2 g: 2 – 4 mm											
Adsorption capacity for water vapor at 25 °C	r.H. = 20 %:	> 8 %											
	r.H. = 50 %:	> 20 %											
	r.H. = 90 %:	> 30 %											
Properties wrapping	Tyvek® is made from a special endless fibre. This patented product from DuPont is extremely tear proof and nearly dust-tight. With its unique fibre structure the tear resistance will not get lost even in case of scratches in the fibre. Tyvek® keeps its characteristics in dry as well as in wet condition. It is resistant to most acids, bases and salts. From 0 to 100% r. H. Tyvek® size remains stable. Under these conditions the measurements change less than 0.01 %.												
Application	Desi Dry desiccant bags protect your goods during transport and storage against corrosion, mildew and other damages caused by humidity.												
Packaging	Inner packaging: PE-Bag Outer packaging: Corrugated cardboard												
Handling	When handling the material, the pertinent national health and safety regulations apply. To protect the activity of the desiccant bags they are sealed in a polyethylene 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	All advice, information and data in this data sheet should be a help to our customers. They represent a part of our years of research and development work. They are not, however, the assumption of warranties. Furthermore, no obligations on our part can be derived from them. The descriptions of individual products comply with current rules and regulations. Changes of any kind can be performed without further notice. Please refer to our general terms and conditions for all our products.												