

Product Data Sheet Desi Dry - Nonwoven

Revision 05 from 10/2013



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: Nonwoven-paper-bound

Product name	Desi Dry desiccant bag 0.5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g												
Product description	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 sizes ranging from 0.5 g to 60 g. Depending on 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	The nonwoven-paper-bound combines the benefits of paper and nonwoven fabric. That means it is more tear proof than paper and has a higher dust-reduction than nonwoven fabric, which makes it ideal for those who have to choose between the two materials. The PE Coating on the inside of the bag leads to a solid weld seam.												
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.												

© 2013 - ThoMar OHG