

# Product Data Sheet Desi Dry - Tyvek

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Desi Dry – from Silica Gel  
 Wrapping: Tyvek®

<b>Product name</b>	Desi Dry desiccant bag 0.5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g												
<b>Product description</b>	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.												
<b>Properties granules</b>	<table border="1"> <tr> <td>pH-Value: &gt; 4</td> <td rowspan="2">Grain size</td> <td>0.5 g, 1 g: 1 – 3 mm</td> </tr> <tr> <td>Silicon dioxide: &gt; 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>&gt; 8 %</td> </tr> <tr> <td>r.H. = 50 %:</td> <td>&gt; 20 %</td> </tr> <tr> <td>r.H. = 90 %:</td> <td>&gt; 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 %
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<b>Properties wrapping</b>	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 %.												
<b>Application</b>	Desi Dry desiccant bags protect your goods during transport and storage against corrosion, mildew and other damages caused by humidity.												
<b>Packaging</b>	Inner packaging: PE-Bag Outer packaging: Corrugated cardboard												
<b>Handling</b>	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.												
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