

Product Data Sheet Desi Dry - Nonwoven

Revision 05 from 10/2013

Silica - Gel

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Desi Dry – from Silica Gel
Wrapping: Nonwoven-paper-bound

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|--|---|----------------------|------------|----------------------|-------------------------|-----------------|--|--------------------|---------------------|---------------------|
| 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 %: > 8 %</td></tr><tr><td>r.H. = 50 %: > 20 %</td></tr><tr><td>r.H. = 90 %: > 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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| | 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. | | | | | | | | | |
| Packaging | Desi Dry desiccant bags protect your goods during transport and storage against corrosion, mildew and other damages caused by humidity. 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. | | | | | | | | | |
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