

## TECHNICAL DATA SHEET

# DESI PAK™ ECO

## Desiccant [Packets and Bags]



### OVERVIEW

Clariant's Desi Pak™ desiccants are manufactured from bentonite clay, a naturally occurring mineral. Its layered silicate structure enables moisture to be attracted and adsorbed onto its surface and in between the gaps of its high pore volume layers.

Desi Pak™ ECO desiccants are a specially designed moisture adsorbing solution focused on sourcing raw materials, and transportation packaging, with a lower environmental impact. They contain granulated bentonite clay that is highly adsorbent, naturally occurring, and responsibly mined. Packaging consists of plastic-free, bio-based paper and produced with 100% green energy. When the desiccants are placed within a sealed package or container, the relative humidity (RH) inside can be reduced below 40% to offer reliable protection against corrosion and other moisture damage.

### BUSINESS SEGMENT

**CARGO & DEVICE PROTECTION**  
BU ADSORBENTS & ADDITIVES

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### MAIN BENEFITS OF DESI PAK™



RESPONSIBLY MINING



PRODUCED WITH 100% GREEN  
ENERGY ELECTRICITY



LOWER EMISSIONS



HIGHLY ADSORBENT



SAFE FOR DIRECT CONTACT WITH  
FOOD AND PET FOOD



PLASTIC-FREE, BIO-BASED  
PACKAGING



NON-TOXIC



COMPLY WITH MAIN REGULATIONS

### DESI PAK™ ECO AVAILABLE CONFIGURATIONS & APPLICATIONS

We produce Desi Pak™ ECO with natural bentonite clay and a bio-based paper for the packaging, in a variety of sizes. Our products meet DIN 55473 Type B and AFNOR NF H 00321 global specifications and their defined quality and performance requirements.

Other configurations available on demand to meet customer specific needs.

Main applications are:

- Pharmaceutical
- Nutraceutical and food supplements
- Pet food
- Apparel
- Electronic components
- Other industrial applications

PRODUCT CODE	SIZE	DIMENSIONS <i>mm</i>	PACKAGING <i>Pieces per</i>		
			PE bag	Carton Box	Pallet
32986827656	1 gram*	38 x 22	4,000	8,000	384,000
32985927656	2 gram*	54 x 22	2,250	4,500	216,000
32987027656	1/6U	60 x 60	100	1,500	72,000
32987127656	1/3U	85 x 60	80	1,040	49,920
32986927656	1/2U	100 x 60	60	780	37,440
32986727656	1U	100 x 65	50	350	16,800
32986627656	2U	125 x 85	30	210	10,080

\*Sizes outside DIN/AFNOR norm scope

Product shelf life is minimum 12 months if stored in controlled and dry environmental condition and original packaging. To ensure the high activity of our desiccant bags, they come in a transparent Polyethylene (PE) bag with 8% RH humidity indicator card that can be easily read from outside, and show blue color if the desiccant package is < 8% RH.

### Further information

All data mentioned in this leaflet are typical for this product and based on average values. Certain deviations can appear due to the processing of raw materials. In no case, are these values to be regarded as specifications. On request, certificates of analysis according to DIN (German standard regulations) for specified values of single properties can be agreed upon. Detailed information concerning application and handling can be taken from our material safety data sheet of the product.

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