

## Technical Data Sheet:

**Material Name:** Humidity Absorber for Container

**Brand Name:** ABSORPOWER® box, ABSORPOWER® Gel  
 ABSORPOWER® Matting, ABSORPOWER® block

**Material Description:** Humidity absorber is based on calcium chloride for high absorption. Its made from Calcium Chloride and modified starch. Water vapour capacity in 25 °C, 90 % rh is about max 261 %. Important is that after it has absorbed water vapour material will change into a Gel and no water can effuse

**Component:** CaCl<sub>2</sub> (Calcium Chloride) and Cn (H<sub>2</sub>O) m (starch)

**Standard packing**

**Sizes,**

Item		ABSORPOWER			
		Box	Gel	Matting	Block
Size	Length (mm)	1000	1200	1400	480
	width (mm)	130	145	500	480
	thick (mm)	35	25	20	45
weight (g)		1200	1000	1500	1500
<b>Characteristics</b> water vapor adsorption capacity (25 °C, 90%rh)		231 – 261 %			

**Applications:** Due to its extremely high adsorption capacity, humidity absorber has a multitude of uses: Container shipments are the most important purpose of humidity absorber, it can also be used for storage in small rooms.

**Packaging:** Humidity absorber is supplied single packed in thick PE-bag, different No. of bags per carton. Carton packed on pallets.

**Handling:** Desiccant must always be kept in airtight boxes to avoid pre-adsorption with water vapour. Face masks should be used at continual exposure to extensive dusting.

**Notes:** Any details of application possibilities do not free the purchaser from the obligation of performing his own tests on the material supplied by the seller in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.