

Technical Data Sheet:

Material Name: Humidity Absorber for Container

Brand Name: ABSORPOWER® Box, ABSORPOWER® Gel, ABSORPOWER® Matting
 ABSORPOWER® Pouch

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.

Component: CaCl₂ (Calcium Chloride) and Cn (H₂O) m (starch)

Components:	share in %	CAS-NR.
Calciumchlorid	65	14808-60-7
herbal starch	35	---

Standard packing	Item		ABSORPOWER				
			Box	Gel	Matting	4-matting	- double Pouch
Sizes	Size	length (mm)	1000	1200	1400	450	400 145
		width (mm)	130	145	500	295	150 140
		thick (mm)	35	25	20	8	20 8
	weight (g)		1200	1000	1500	480	300 50
Characteristics	water vapor adsorption capacity (25 °C, 90%rh)		231 – 261 % of net-weight				

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, Pouch with 30 bags/PE-bag, different No. of bags per carton. 24 Carton packed on pallets. Boxes packed in Pallet-boxes with 150 pcs/pal.

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.