

# CARE DRY®

## CP

## ケアドライ®

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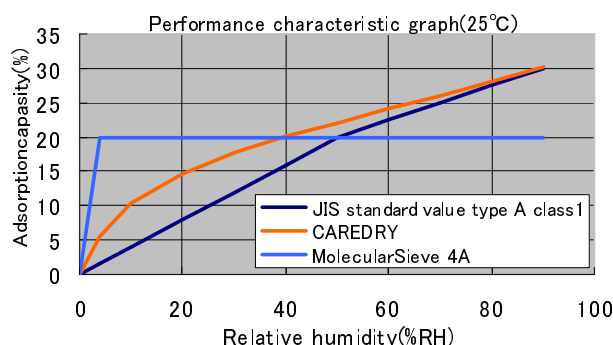
**CARE DRY has high adsorption capacity at low humidity.**

### ■ High Performance

Montmorillonite clay mineral is a layered substance of silica-alumina. Moisture is physically absorbed between the layers. The laminar structure of CARE DRY's clay is well growing, CARE DRY shows high adsorption capacity at low humidity by comparison with silicagel or other clay desiccants.

#### ● Comparison with standard value JIS Z 0701 Desiccants for Packaging

Items		CARE DRY	SILICAGEL JIS Standard
Adsorption capacity	20%RH	13.2%	8%
	50%RH	21.0%	20%
Moisture		under 2%	under 2.5%
PH value		7~8	4~8
Specific resistance ( $\Omega \cdot \text{cm}$ )		over 13,000	over 3,000



### ■ Packing Material

CARE DRY's bag is made of PET/PE film that is able to endure direct contact with foods.

Class	Weight(g)	Quantity(pcs)	size(mm)
CP 1	1	10000	40 × 25
CP 2	2	6000	55 × 35
CP 3	3	4000	55 × 40
CP 5	5	2400	55 × 50
CP10	10	1200	75 × 60
CP20	20	660	75 × 80

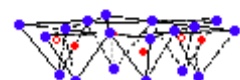
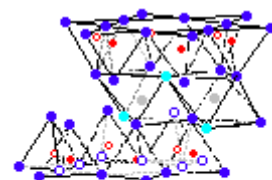
### ■ Fine Safety

The raw material of CARE DRY is a hydrated compound of sodium, calcium, and silica-alumina. It is quite stable chemically. It is not deliquescent and no change of configuration by adsorption. CARE DRY is naturally occurring substance, and doesn't contain environment management material. It meets RoHS standards

#### ● Chemical composition

items	wt. %
SiO <sub>2</sub>	62.7
Al <sub>2</sub> O <sub>3</sub>	15.9
K <sub>2</sub> O	0.2
Fe <sub>2</sub> O <sub>3</sub>	4.9
MgO	4.9
CaO	3.0
lg. loss and bonding water	8.0

※Above is standard values, not guaranteed.



Montmorillonite clay crystal structure

CARE DRY is classified as Generally Recognized As Safe Desiccant (GRAS/Generally Recognized As Safe) by the FDA. It is not dangerous to the human body even if it should be ingested by mistake.

### ■ Humidity Indicator Label & Card

Humidity indicator card makes it easy to measure the inside humidity of packaging. There are 2 types, three-spot card (5-10-60%RH), four-spot card (10-20-30-40%RH).

Humidity indicator card is enclosed in inner bag of CP series desiccants to ensure its ability.

Please ask to our sales staff for details of these products.



Quality Maintaining

Please note that the specifications and designs may change without notice.

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