

CAREDRY®

CT

ケアドライ® CT

CAREDRY has high adsorption capacity at low humidity.

Packaging material is made of multiple nonwoven, meets MIL-3464E(U.S.Militally Standard) for non-dusting, and meet JEDEC J-STD-033D standard.

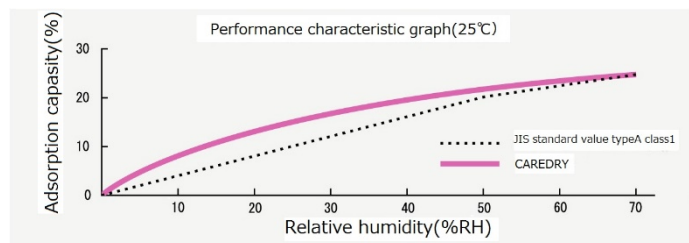
High Performance

Montmorillonite clay mineral is a layered substance of silica-alumina. Moisture is physically absorbed between the layers. The laminar structure of CAREDRY's clay is well growing, CAREDRY 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	CAREDRY	SILICAGEL JIS Standard
adsorption capacity 20%RH	13.2%	8.0%
adsorption capacity 50%RH	21.0%	20.0%
Moisture	under 2%	under 2.5%
PH value	7~8	4~8
Specific resistance (Ω·cm)	over 10,000	over 3,000

※Above is standard values, not guaranteed.

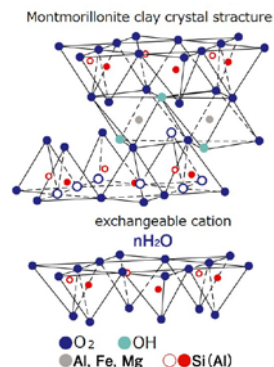


Fine Safety

The raw material of CAREDRY 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. CAREDRY is naturally occurring substance, and doesn't contain environment management material. It meets RoHS standards.

Chemical composition

items	wt. %
SiO ₂	62.7
Al ₂ O ₃	15.9
MgO	4.9
CaO	3.0
Fe ₂ O ₃	4.9
K ₂ O	0.2
Loss and bonding water	8.0



CAREDRY 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.

Specification class list (CT series)

CARE DRY's bag is made of tough nonwoven cloth that is able to endure hard handling as like the export packaging and preservation of heavy load, etc. it meets MIL-3464E(U.S.Militally Standard) type II.

Class	Weight(g)	Quantity(pcs)	size(mm)
CT 5	5	2,000	55 × 60
CT 10	10	1,000	75 × 60
CT 20	20	600	75 × 80
CT 30	30	400	110 × 80
CT 75	75	200	135 × 87
CT100	100	160	150 × 87

Humidity Indicator Label & Card

Humidity indicator card makes it easy to measure the inside humidity of packaging. There are three types, three-spot card (20-30-40%RH), four-spot card (10-20-30-40%RH) and a label type (30%RH) attached to the desiccant's surface. Please ask to our sales staff for details of these products.

Quality Maintaining

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

OhE Chemicals Inc.

<http://www.ohe-chem.co.jp>

- Head Office 2-2-15 Houshin, Higashiyodogawa, Osaka Japan
Phone. +81-6-6329-6651 Fax. +81-6-6321-2252
- Gifu Plant 326, Osa, Tarui-cho, Fuwa-gun, Gifu, Japan
Phone. +81-584-22-3329 Fax. +81-584-22-3263
- Saitama Branch Sonic citybul. 12F, 1-7-5 Sakuragi-cho, Omiya-ku, Saitama-shi, Saitama, Japan
Phone. +81-048-658-1401 Fax. +81-048-658-1402-
- Fukuoka Plant 651 Takanoo, Yamato-cho, Yanagawa, Fukuoka, Japan
Phone. +81-944-76-1006 Fax. +81-944-76-1131