C&K PROPACK

key Fresh

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The new solutions for
agricultural products

KEY FRESH

C&K PROPACK has been manufacturing and supplying functional packaging solutions containing natural minerals for keeping freshness of agricultural products.

Packaging is an integral part for maintaining agricultural products freshness. Accordingly, C&K PROPACK secured original technology with materials carefully selected and has been focusing on cost reduction and developing application technique.

In addition, with the best production facilities on printing and processing, C&K PROPACK provides optimal packaging total solutions all over the world.

Our products have been guaranteed by domestic research institutes for its special function to keep freshness, through overseas exhibitions and an aggressive marketing strategy, we believe that C&K PROPACK will become No.1 packaging company.

Joseph Kim

C&K PROPACK **CEO**

C&K PROPACK History

2005.	Establishment of C&K PROPACK,
	Conclusion of Export Contracts with America and India
2008.	Conclusion of Export Contracts with Vietnam and Ecuador
2011.	Registration of a patent; Cooking Vacuum-Packed Bag (10-1138385)
	Registration of a patent; Microwavable Steam Pouch (10-1194780)
2013.	Establishment of Research Institute
2015.	Registration of a patent; Compositions and Manufacture Method of Keeping Freshness Film for Agricultural Products
	Award KOREA POSTHARVEST MANAGEMENT ASSOCIATION Appreciation Plaque
	KEY FRESH® Brand Launching
	Packaging Excellence Award ; Organic Food Exhibition in Shenzhen, China

key Fresh

The new solutions for agricultural products and
keeping long-term freshness packaging

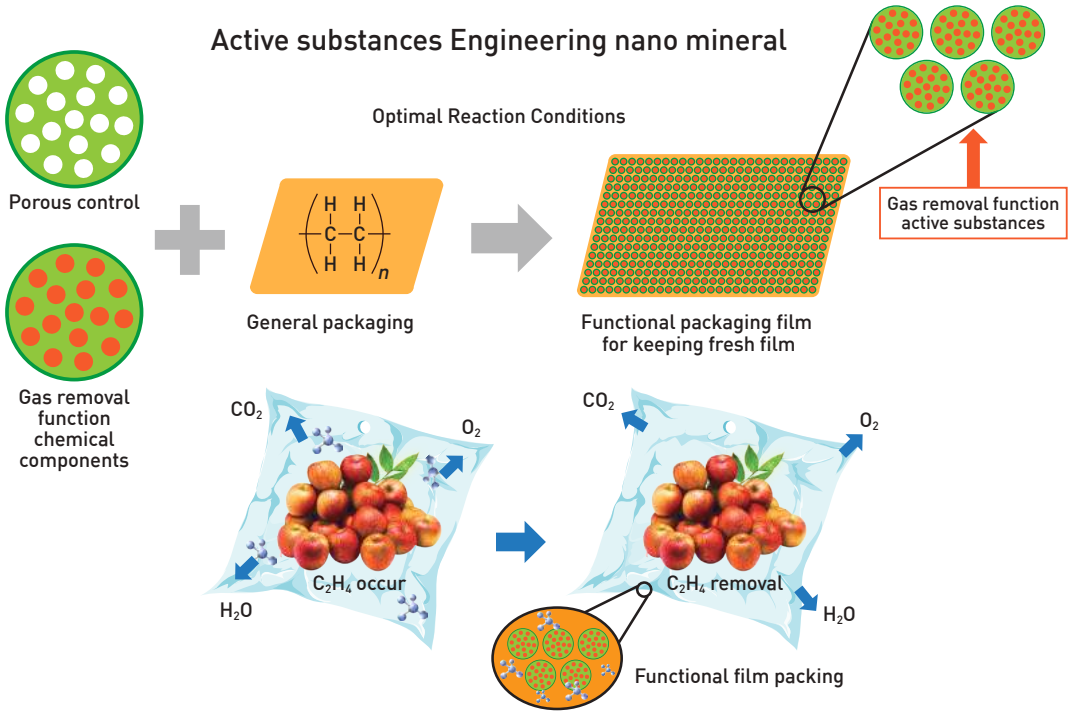
About KEY FRESH®

- KEY FRESH® has the meaning of key packaging material for solving problems of keeping freshness of agricultural products.
- KEY FRESH® has been developed to prevent from losing freshness that can be caused during transportation process.
- KEY FRESH® is the key for making it possible to keep freshness of high quality agricultural products for a long period of time.
- KEY FRESH® containing natural materials has outstanding permeability that is able to absorb and discharge harmful gases caused by decomposition during transportation process.

FRESH® Products

Products	Size(mm)	Use and note
1	200*300, 0.03	250g, LDPE
2	280*350, 0.03	500g, LDPE
3	320*400, 0.03	1kg, LDPE
4	400*500, 0.03	3kg, LDPE
5	500*600, 0.03	5kg, LDPE
For storage	610*850, 0.03 610*850, 0.05	Storages for Apples and Pears / LDPE

How KEY FRESH® Works



Natural minerals applied to KEY FRESH® is a new technology that is blended with minerals that have uniform porous structure and high surface area.

The minerals improve gas permeability and boost air circulation of outside and inside. Absorption of harmful gases prevents from discoloration and suppresses occurrence of rot fungus and moisture evaporation.

Consequently, it makes agricultural products keep freshness in a long term period.

KEY FRESH® Major Functions

01

Gas Absorption Effect

Ethylene caused by vegetables and fruits is a plant hormone that promotes fruit ripening. KEY FRESH® has a special function to absorb and discharge harmful gases.

02

Air Permeability Improvement

Porous minerals applied to KEY FRESH® improve permeability as transmission of oxygen and moisture gets higher.

03

Moisture Control Effect

KEY FRESH® controls moisture content inside the products by absorption and emission of water molecules spontaneously.

04

Anti-Bacterial Effect

Natural minerals applied to KEY FRESH® minimize moisture formation to inhibit mold and bacteria growth.

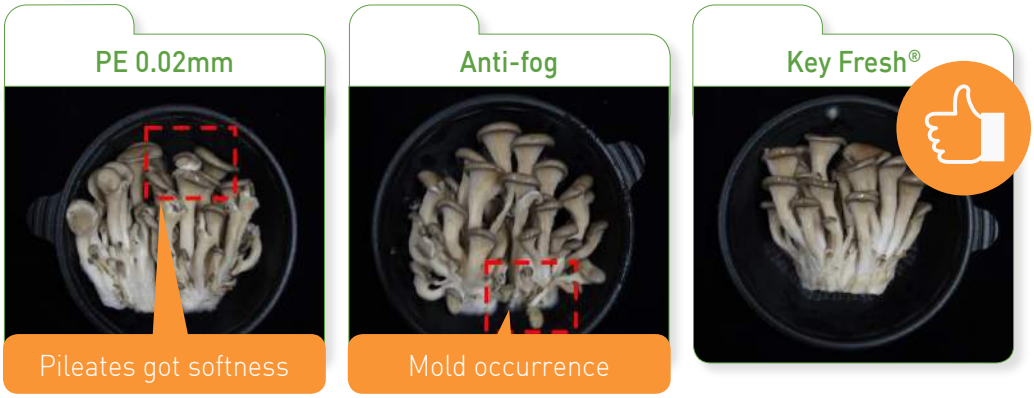
Products Applicable to KEY FRESH®

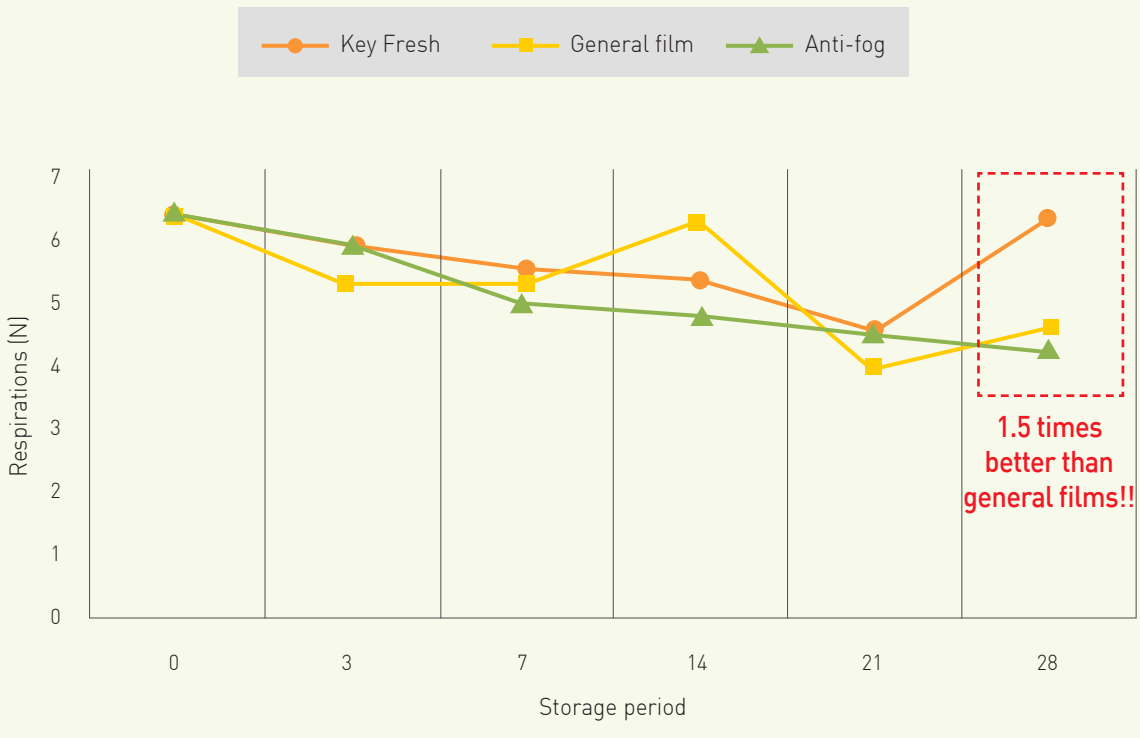
Mushrooms	Pleurotus, Shiitake, Enokitake, ect..
Fruits	Banana, Grape, Tomato, Apple, Pear, Sweet Persimmon, ect..
Vegetables	Lettuce, Broccoli, Napa Cabbage, Chili, Garlic, Spinach, Green Pumkin, ect..
Others	Egg, Meat, Bread, Snack, ect..

TEST REPORT-01

Subject	Pleurotus
Experimental Conditions	3 types of films(Key Fresh, General film, Anti-fog film) Storage temperature 2℃
Duration	4 weeks (July, 2013)

4th week of storage





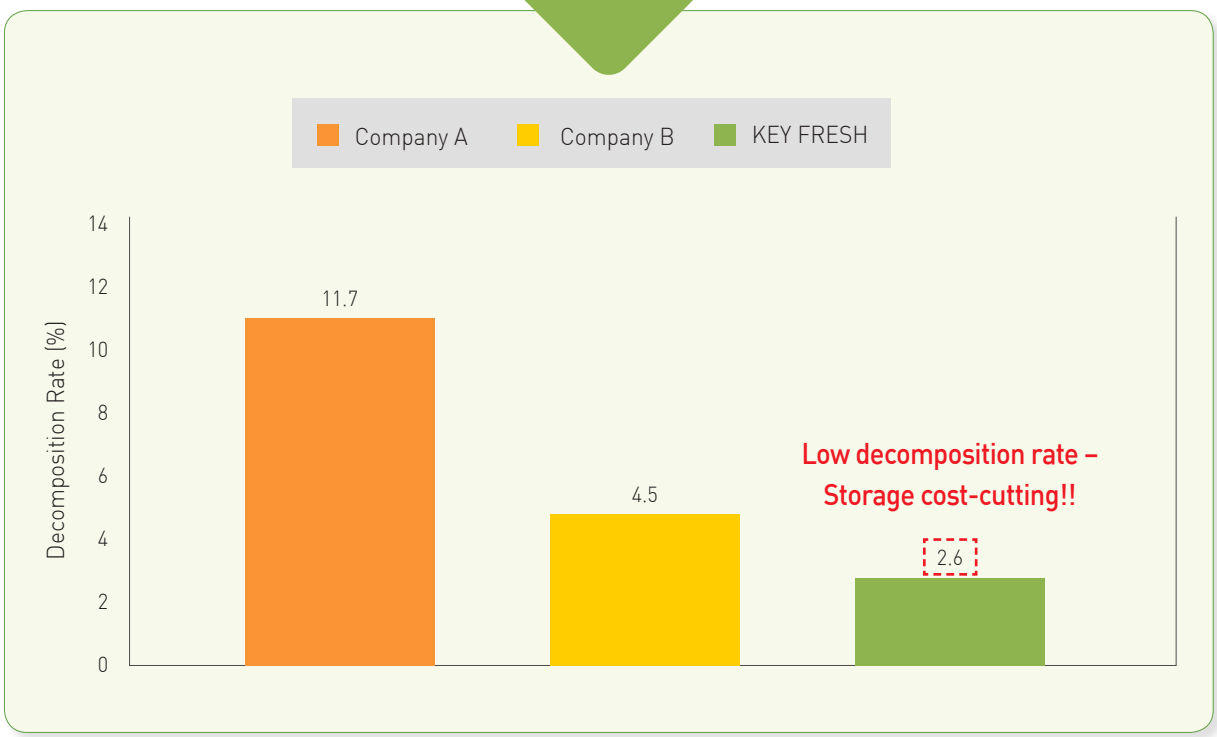
TEST REPORT-02

Subject	Kiwi
Experimental Conditions	3 types of films(Key Fresh, 2 other brand films) Storage temperature 0℃
Duration	5 Months(November, 2014)

Company A

Company B

KEY FRESH



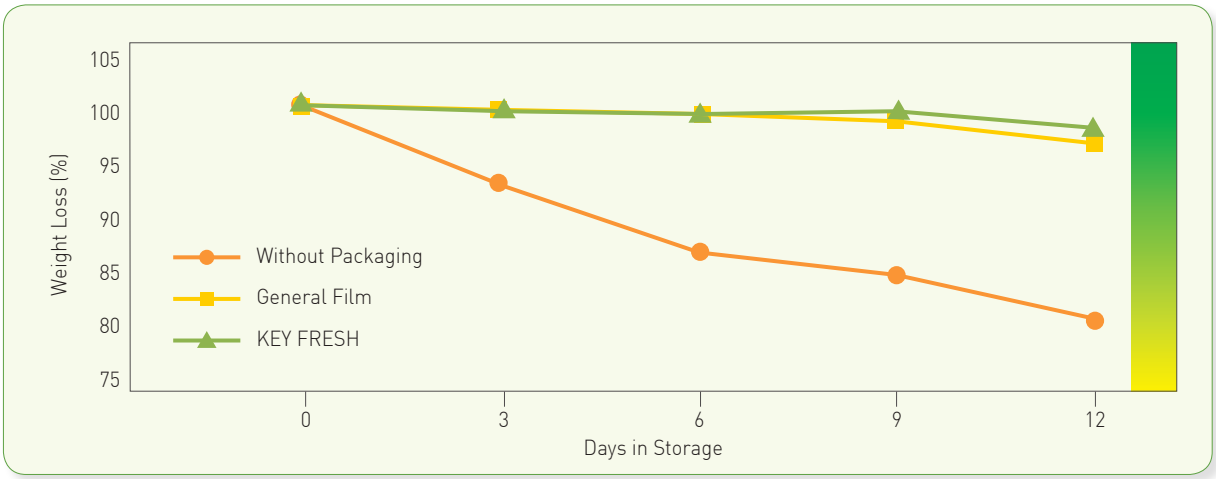
TEST REPORT-03

Subject	Sesame Leaves
Experimental Conditions	2 types of films(Key Fresh, General Film) Storage temperature 10℃
Duration	17days (November, 2015)

	Control plot	Other Product	Key Fresh
1st day of storage			
17th day of storage			

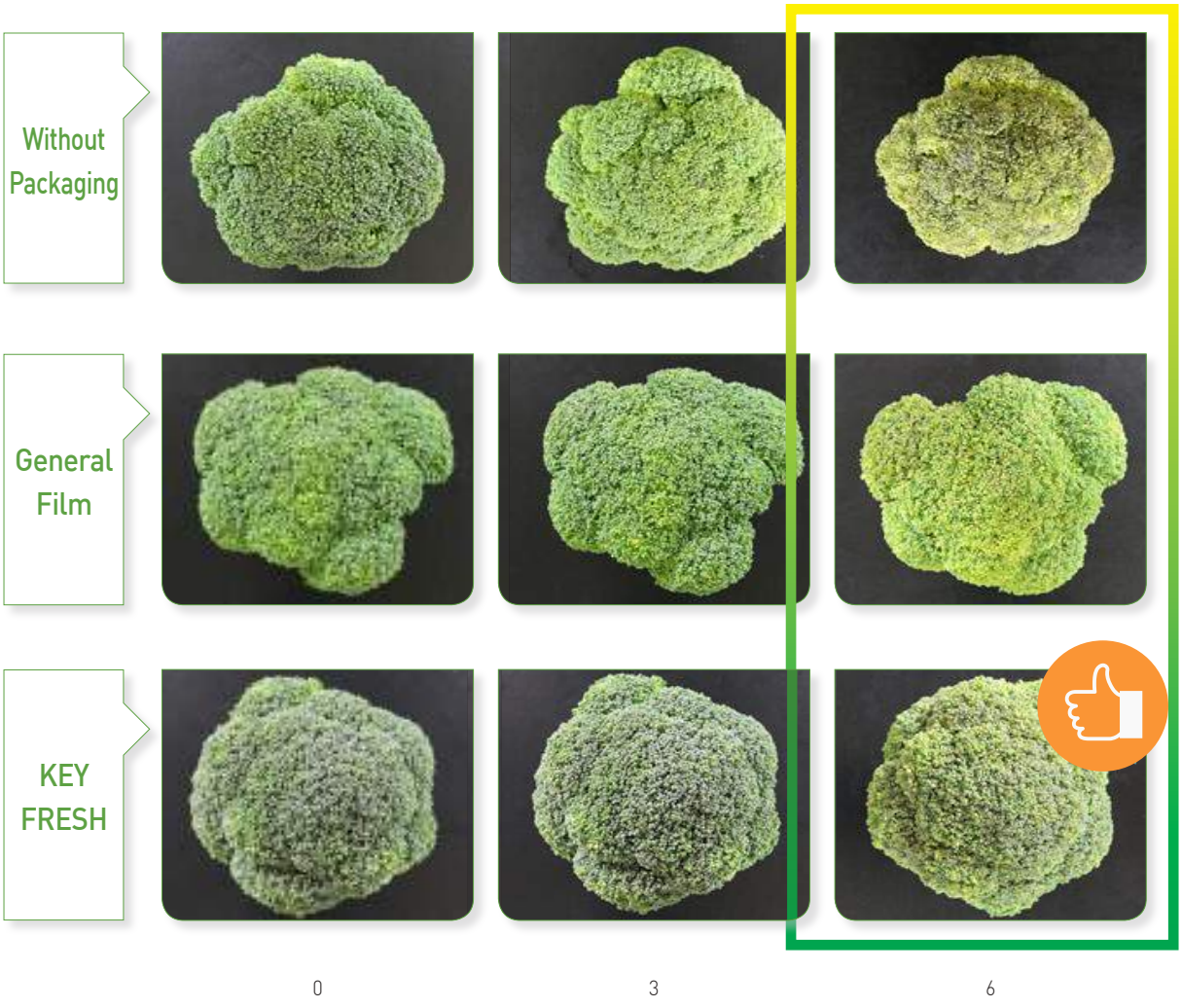
TEST REPORT-04

Subject	Lettuce
Experimental Conditions	Compare of 2 types films and storage without packaging Storage temperature 10℃
Duration	12 days (October, 2015), consigned test with ChungAng-Univ



TEST REPORT-05

Subject	Broccoli
Experimental Conditions	compare of 2 types films and storage without packaging (Key fresh, General film) Storage temperature 10℃
Duration	6 days (October, 2015), consigned test with ChungAng University

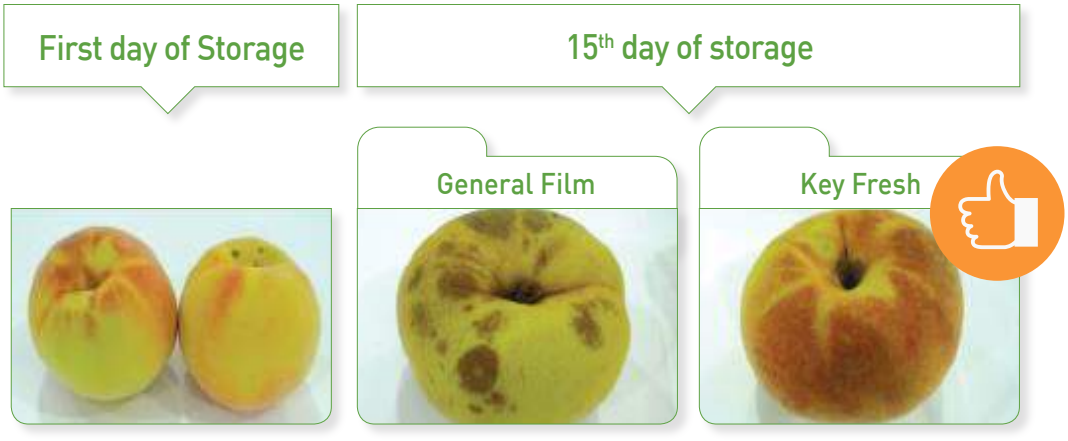


TEST REPORT-06

Subject	Banana
Experimental Conditions	2 types films (Key-fresh, general film) Storage Temperature – room temperature
Duration	10 days (August, 2013)

TEST REPORT-07

Subject	Peach
Experimental Conditions	2 types films (Key-fresh, general film) Storage Temperature – Room temperature
Duration	15 days (August, 2013)



Applications

Storage film

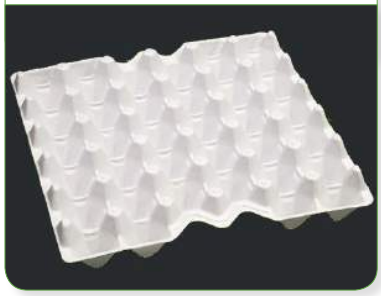
Storage film

Pallet bag

Shrink film

Fruit net

Mold

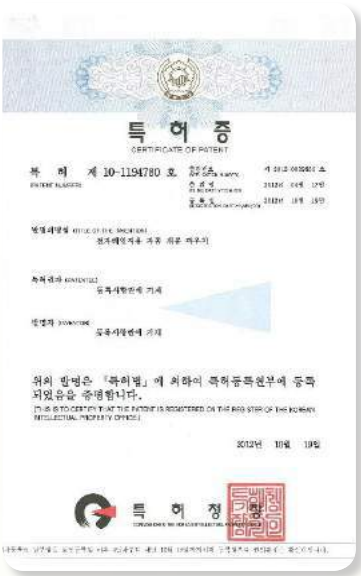


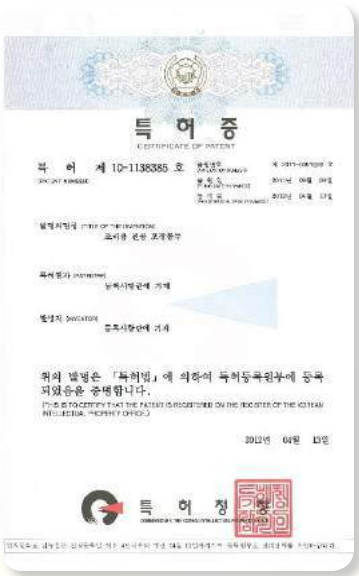
Roll bag

Packaging bag

Zipper bag

Certifications


특 허 증
CERTIFICATE OF PATENT
특 허 제 10-1194780 호
특 허 청 장


특 허 증
CERTIFICATE OF PATENT
특 허 제 10-1138385 호
특 허 청 장


특허증
CERTIFICATE OF PATENT
특허 제 10-1537597 호
특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE
최 동 규


제 140101 - 00138 호
기술혁신형 중소기업(INNO-BIZ) 확인서
업 체 명 : 씨앤케이프로팩(주)
대 표 자 : 김우진
주 소 : 경상남도 창원시 성산구 [illegible]
등 급 : A
유효기간 : 2014. 2. 6 ~ 2017. 2. 5
위 업체는 기술혁신형 중소기업 발굴 육성사업에 의해 선정된 기술혁신형 중소기업(INNO-BIZ)임을 확인합니다.
2014년 2월 5일
중 소 기 업 청 장


Certificate
of Registration
This is to certify that :
C&K PROPACK CO., LTD.
ISO 14001:2004
Scope :
Manufacture and Sales of
Special Packing Material
President


Certificate
of Registration
This is to certify that :
C&K PROPACK CO., LTD.
ISO 9001:2008
Scope :
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President