

KBMP

(주)바이오소재

Bio Polymer Co. Ltd

www.neomcc.com
www.biopack.or.kr

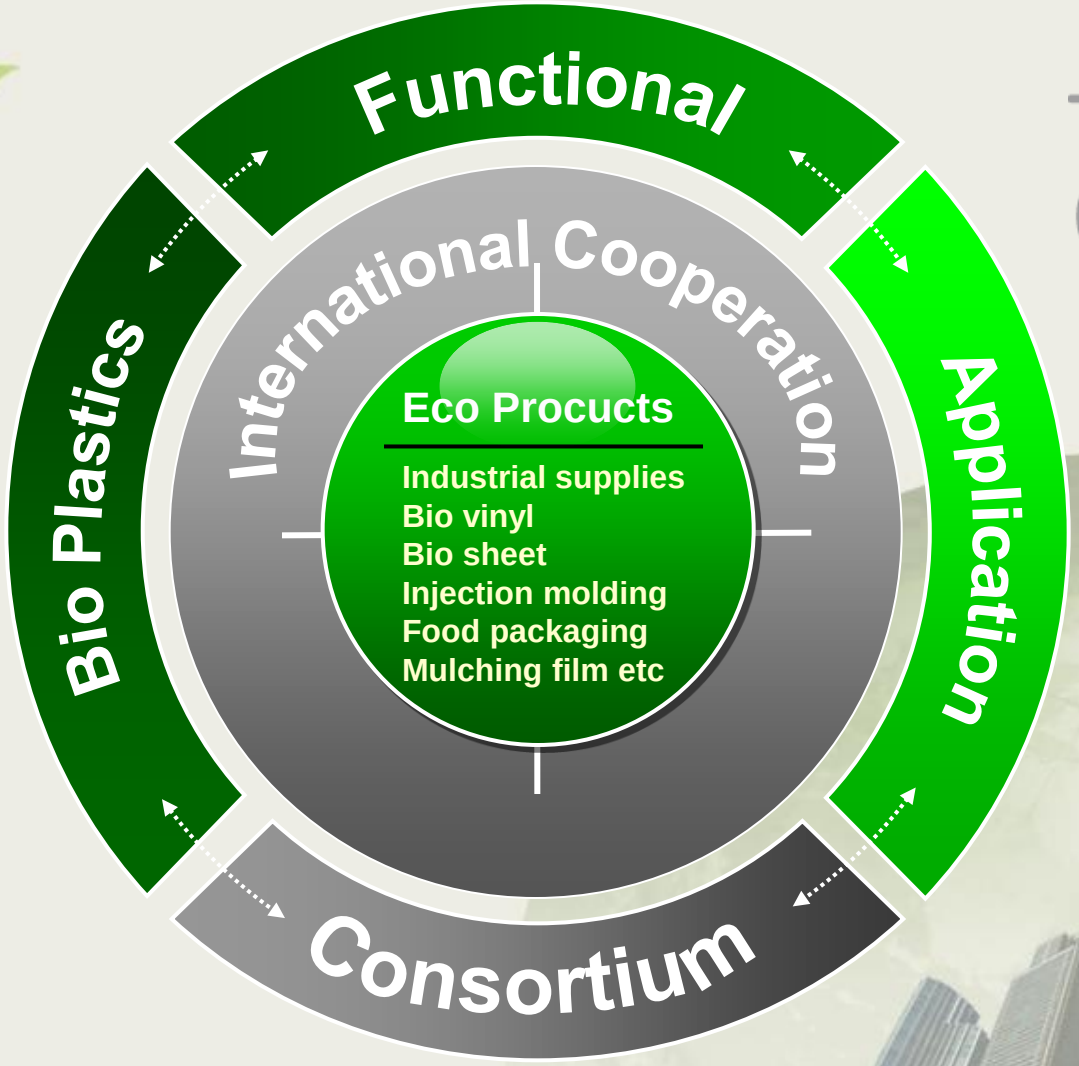
Application product of the Catholic Univ. Biotechnology
(Producto Aplicado de la Univ. Católica de Biotecnología)

- ⊙ Gov Research Project (Estudio de Proy. Del Gob) : 13 EA
- ⊙ Patent, Trademark (Patente, Marca) : 37 EA
- ⊙ Paper, Magazine(Tesis, Revistas) : 62 EA

Contents
(Contenido)

- Eco Products
  (Productos Ecológicos)
- Business Area
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  (Aplicaciones de Producto)
  - Bio pellet, Bio vinyl
    (Bio granos, Bio vinyl)
  - Bio sheet, Injection molding
    (Hoja de Bio, Modelo de Inyección)
  - Bio silicone, Agricultural etc
    (Silicona Bio , Agrícola etc)
  - Pulp mold, paper
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  (Resultados de la Prueba)
- Seminar, MOU, Exhibition
  (Seminario, Convenciones, Exposiciones)
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  - MOU, Agreement(MOU, Acuerdos)
  - Exhibition(Exposición)
- Major Client
  (Principales Clientes)
- Major mass media
  (Principal medio de comunicación)

Environmental, Functional Eco Products
(Productos Eco Pro-ambiental y Funcional)



녹색인증 Green Certification 기 술

Korea Bio Material Packaging Association KBMP

KBMP CERTIFIED BIOBASED PRODUCT PRODUCT 25%

bio think green

think green

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 39%

EH-X

CATHOLIC UNIVERSITY OF KOREA
가톨릭대학교
THE CATHOLIC UNIVERSITY OF KOREA

Business Area

Bio Plastics (Bio plásticos)

- Oxo-biodegradable plastics (Plásticos Oxo-biodegradable)
- Bio based plastics (Plásticos en base a Bio)
- Biodegradable plastics (Plásticos Biodegradables)

Functional products (Productos Functionales)

- Freshness (Fréscos)
- Anti bacterial
- Anti insect (Anti insectos)

Application products (Applicación de productos)

- Bio Vinyl
- Bio Sheet (Bio Hojas)
- Injection molding (Moldeo de Inyección)
- Food packaging (Empaquetado de Alimentos)
- Mulching film (Láminas para mantillo)
- Industrial supplies (Suministro Industrial)
- Eco-packaging (Empaquetado Ecológico)

Application products

(Productos Applicados)

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THE CATHOLIC UNIVERSITY OF KOREA

(사)한국바이오소재패키징협회
Korea Bio Material Packaging Association

Application products

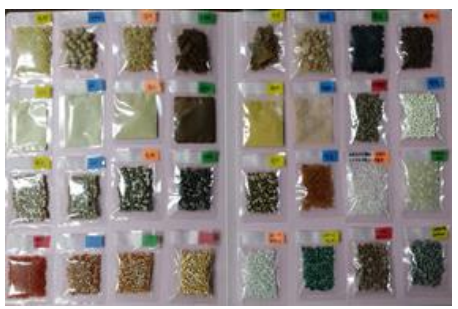
Bio pellet, Bio vinyl











Bio pellet(Bio Granos)



Bio vinyl

Application products

Bio sheet, Injection molding









































Bio sheet(Bio hojas)











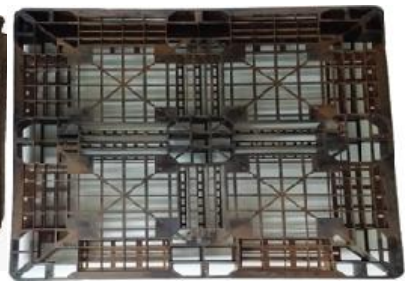












Injection molding
(Moldeo de Inyección)

Application products

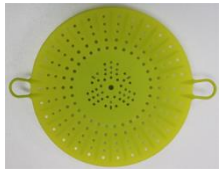
Bio silicone, Agricultural etc







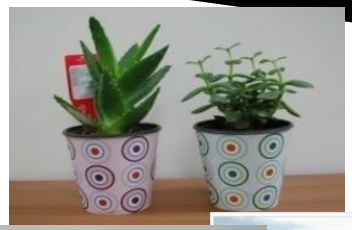


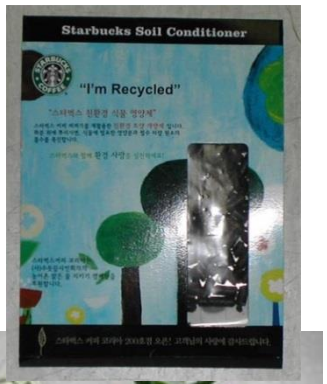





Bio silicone(Bio siliconas)











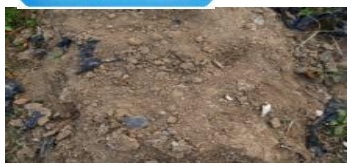












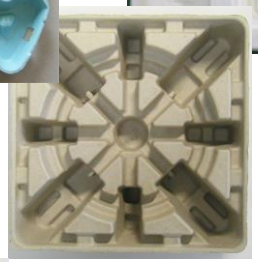
Agricultural etc..

Application products

Pulp mold, Paper













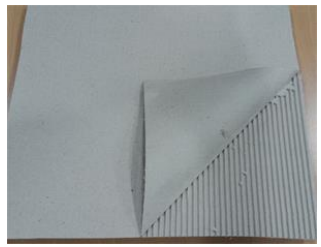



Pulp mold(Moldeo de Pulpas)
















Paper(Papeles)

Test Data

(Datos de Prúebas)

Test Data
(Datos de Prúeba)

Mulching test
(Prúebas de Mantillo)

- Target crop(Cultivo) : Chili(Red pepper)
- Test period(Periodo de Prueba) : '05.4~'05.11(7months)
- Joint research of Rural Development Administration
  (Estudio en conjunto con Administración de Desarrollo Rural)

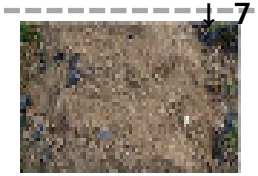


← Initial installation
(instalación Initial)

↓ 7 months later



PE film



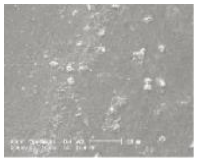
Oxo-biodegradation



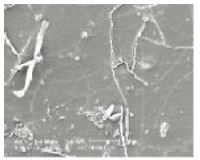
Biodegradation

Microorganism cultivation test
(Prueba de cultivación de Microorganismos)

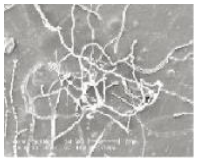
- ASTM G22 : 37℃,
- relative humidity(humedad relativa) 85%,
- 60days (días)
- SEM : X 1,000



PE film



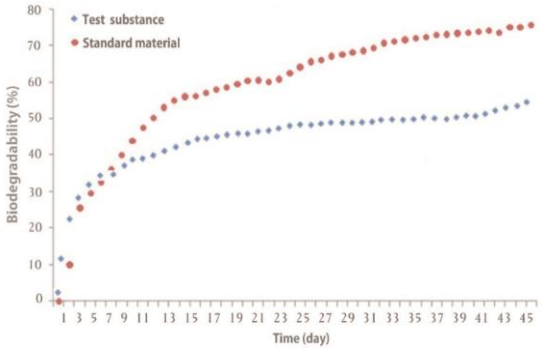
Oxo-biodegradation



Biodegradation

Biodegradable test (Prúebas de Biodegradación)

Contents	Biodegradation rate	Period
Standard materiaL	77.30%	45days
Test substance	55.40%	45days
Compared to Reference material	71.60%	45days



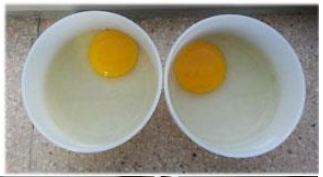
Freshness prolongation
(prolongación de Frescuras)

















Seminar, MOU, Exhibition

(Seminarios, Acuerdo Mutual, Exhibición)

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THE CATHOLIC UNIVERSITY OF KOREA

(사)한국바이오소재패키징협회
Korea Bio Material Packaging Association

Major Seminar, Forum
(Seminarios, Forum)

2015-2014



2015.06.18 : Gyeonggi-Do





2015.02.27 : Jeonnam-Do, Gwangyang



2015.12.15~17:
: Nanjing, Jiangsu China



2015.10.14 : Catholic Univ. Korea



2014.06.27 : Wokrshop



2014.06.11 : PAC 2014

Before 2013(Antes de 2013)



'13.5.30 PAC 2013



'13.9.22 : Shenyang China



'13.5.3: Dongkuk Univ



'13.1.25: Gyeonggi-Do



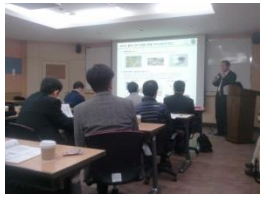
'12.11.29: KBMP



'12.8.29: Bio forum



'12.8.3: ROK Army



'12.3.27: EOV



'12.1.27: KBMP



'11.6.16: Korea Pack

Major MOU
(Principales Acuerdos Mútuos)

2015-2014



2015. 06. 02 : President of Korea, Yeosu



2015. 04. 02 : Gyeonggi-Do



2015. 03. 02 : Jeonnam



2014. 04.15 : Nanjing Office


2014. 10. 27 : Gyeonggi-Do


2014. 06. 04 : ESMA Dubai UAE


2014. 04. 30 : CAU Myanmar

Before 2013(Antes de 2013)

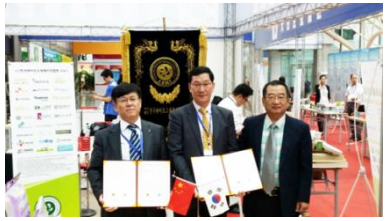

'13.12.12: Hanoi VietNam



'13.12.6: Gwangyang


'13.1.21: HCM VietNam


'13.11.4: Harbin China


'13.9.22 : Shenyang China


'13.5.30: China-Korea


'13.4.9: Canada


'13.4.5: China, Taiwan


'13.2.28: Shenzhen China

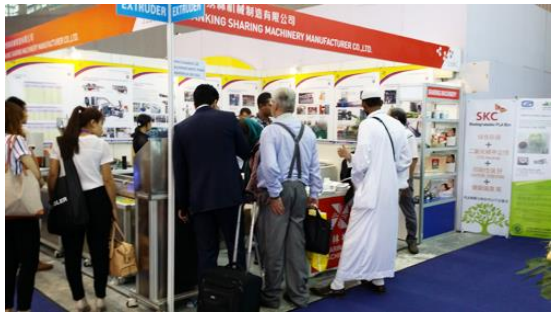

'12.10.25: CJ, Gyeonggi

Major exhibition

2015-2014



2015.05.29 : Catholic Univ.



2015.05.18 ~ : China Plas 2015



2014.10.22 : KINNEX, Korea



2014 Capstone Design fair



2014.06.26 : China-Korea, Daejeon



2014.06.10 : Korea Pack KINTEX

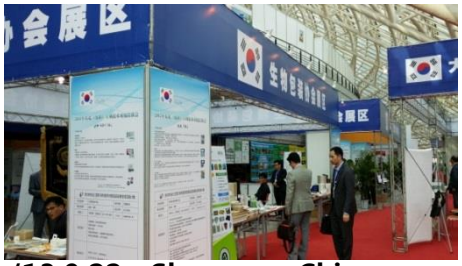


2014.7.10 : Jinan China

Before 2013(Antes de 2013)



2013.11.8 : Gwangzhou China



'13.9.22 : Shenyang China



'13.5.29 : Korea Pack KINTEX



KoreaPack 2013



'13.5.8, 3.28, Shanghai China





'12.10.23 : Seoul Pack



'12.4.19: China Plas



'12.3.25: USA



KOPLAS 2011

Major Client (Principales Clientes)





서울특별시

CJ CHEILJEDANG

NH농협

Au [ei:jú]
Alchemist Union

KT&G

Domino's

emart

ECO-MASTER

KORAIL

Home plus

유한양행

woongjin

NAVER

콘프라테크(주)
친환경제품

LOTTE Mart

AMOREPACIFIC

'TORAY'
도레이케미칼

EVERLAND
RESORT

J+K STUDIO

(주) 도 일 칼 라 켐
DOLL COLOR-CHEM CO.,LTD

남경

SINCE1897

MINI STOP

BOSS PACK

SEOUL DESIGN
OLYMPIAD 2008

Hyundai Card

Walmart
Save money. Live better.

로하스컴퍼니(주)

한살림

(주)우성엠에프
WOOSUNG Multi-Film Co.,Ltd

중외제약

국내 최고의 살균소재 전문기업-
주식회사 바이오켐코리아

칠갑농산(주)

Major mass media, Paper

TV

SBS

KBS Korean Broadcasting System

MK 매일경제 MBN

서울경제TV SEN

CCTV 央视网 com

OBS 경인TV

KTV 국민방송

국회방송 National Assembly Television

MBC

YTN



















News Paper









전자신문 etnews

경향신문 The Kyunghyang Shinmun

국민일보 www.kmib.co.kr

YONHAP NEWS

Thank You !

Gracias !

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