

KBMP

(주)바이오소재

Bio Polymer Co. Ltd

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

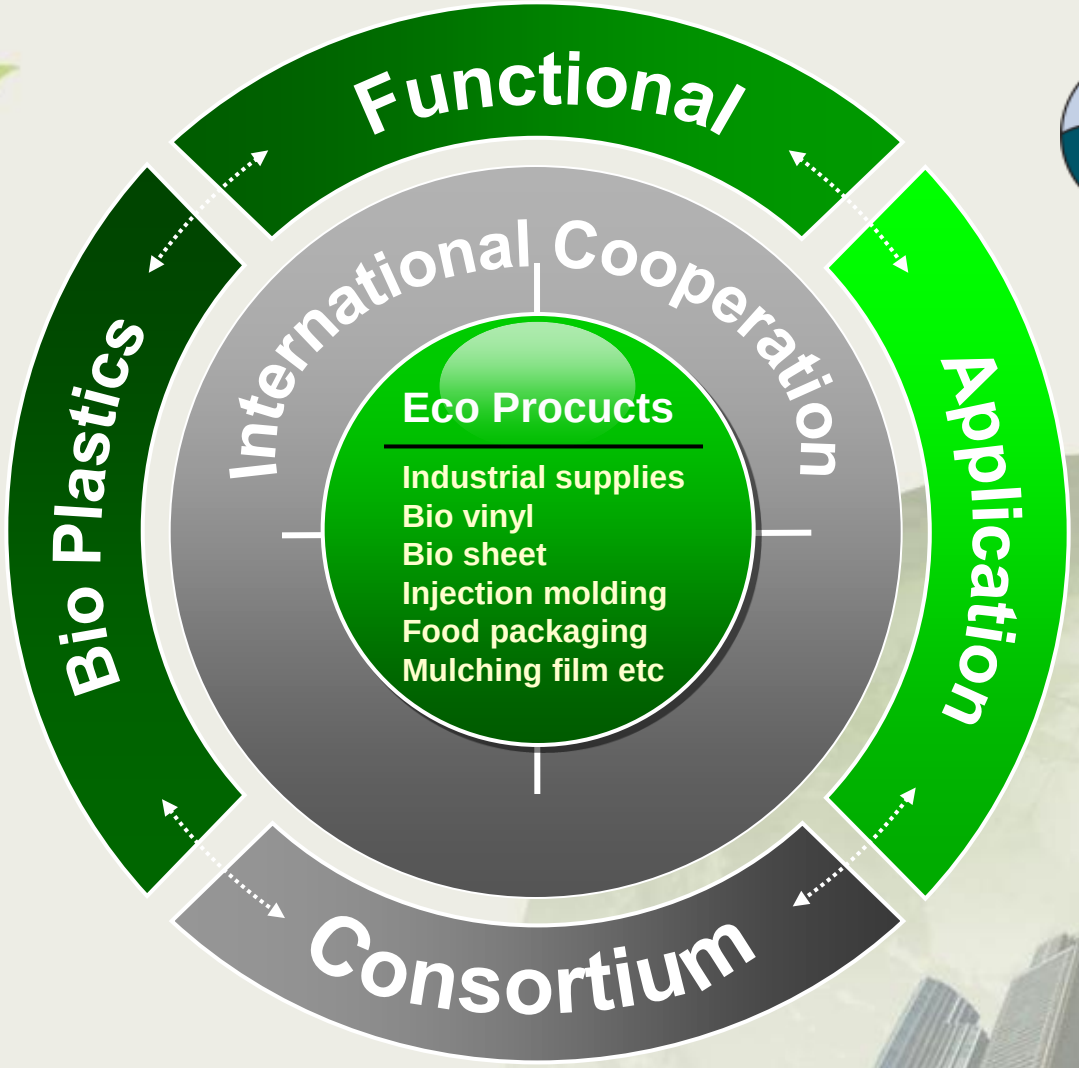
가톨릭대학교 생명공학 기술 응용 제품
(Application product of the Catholic Univ. Biotechnology)

- ⊙ 정부 연구과제 (Gov Research Project) : 13 EA
- ⊙ 특허 · 상표 (Patent, Trademark) : 37 EA
- ⊙ 논문 · 전문지 (Paper, Magazine) : 62 EA

Contents

- 친환경 제품
- 사업 영역
- 제품 응용
  - Bio pellet, Bio vinyl
  - Bio sheet, Injection molding
  - Bio silicone, Agricultural etc
  - Pulp mold, paper
- 시험 결과
- 세미나, 협약, 전시회
  - Seminar, Forum
  - MOU, Agreement
  - Exhibition
- 주요 고객사
- 주요 방송 등

친환경 기능성 에코 제품
(Environmental, Functional Eco Products)



녹색인증 Green Certification 기 술

KBMP CERTIFIED BIOBASED PRODUCT PRODUCT 25%

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 39%

EH-X

가톨릭대학교 THE CATHOLIC UNIVERSITY OF KOREA

사업영역 (Bisiness Area)

바이오 플라스틱 (Bio plastics)

- 산화생분해 플라스틱 (Oxo-biodegradable plastics)
- 바이오 베이스 플라스틱 (Bio based plastics)
- 생분해 플라스틱 (Biodegradable plastics)

기능성 제품 (Functional products)

- 신선도 (Freshness)
- 항균 (Anti bacterial)
- 방충 (Anti insect)

응용 제품 (Application products)

- 바이오 비닐 (Bio Vinyl)
- 바이오 시트 (Bio Sheet)
- 사출 성형품 (Injection molding)
- 식품포장 (Food packaging)
- 멀칭 필름 (Mulching film)
- 공업용품 (Industrial supplies)
- 에코 패키징 (Eco-packaging)



응용 제품

(Application products)

가톨릭대학교
THE CATHOLIC UNIVERSITY OF KOREA

(사)한국바이오소재패키징협회
Korea Bio Material Packaging Association

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응용제품 (Application products)

바이오 원료 펠릿 (Bio pellet)
바이오 비닐 (Bio vinyl)



Bio pellet



Bio vinyl

응용제품 (Application products)

바이오 시트 (Bio sheet)

바이오 사출품 (Injection molding)









































Bio sheet















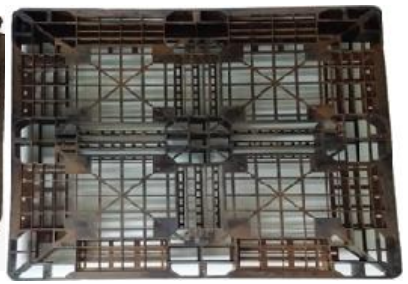












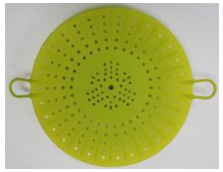
Injection molding

응용제품 (Application products)

바이오 실리콘 (Bio silicone)
농업용품 (Agricultural) etc



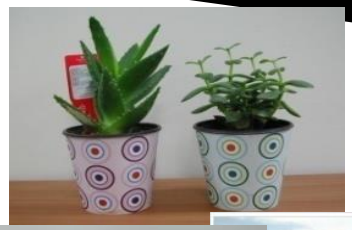







Bio silicone









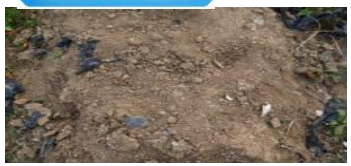










Agricultural etc..

응용제품 (Application products)

펄프몰드 (Pulp mold)

친환경 종이 제품 (Paper)





실험 데이터

(Test Data)

가톨릭대학교
THE CATHOLIC UNIVERSITY OF KOREA

(사)한국바이오소재패키징협회
Korea Bio Material Packaging Association

멀칭 실험 (Mulching test)

- Target crop : Chili(Red pepper)
- Test period : '05.4~'05.11 (7months)
- Joint research of Rural Development Administration

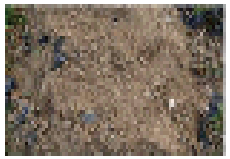


← Initial installation

↓ 7 months later



PE film



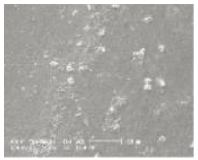
Oxo-biodegradation



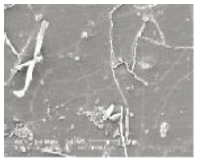
Biodegradation

미생물 배양 실험 (Microorganism cultivation test)

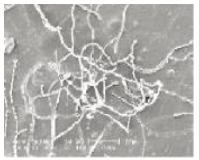
- ASTM G22 : 37℃, relative humidity 85%, 60days
- SEM : X 1,000



PE film



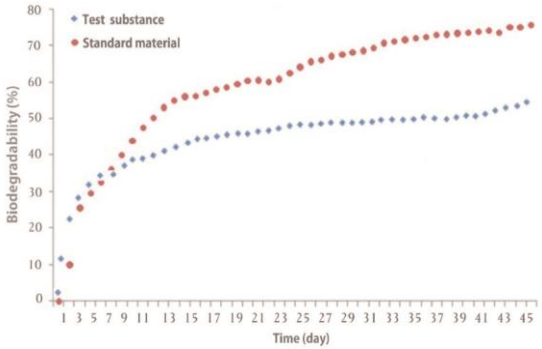
Oxo-biodegradation



Biodegradation

생분해 실험 (Biodegradable test)

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



신선도 연장 (Freshness prolongation)



세미나, 협약, 전시회

(Seminar, MOU, Exhibition)

가톨릭대학교
THE CATHOLIC UNIVERSITY OF KOREA

(사)한국바이오소재패키징협회
Korea Bio Material Packaging Association

주요 세미나, 포럼
(Major Seminar, 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



'13.5.30 PAC 2013



'13.9.22 : Shenyang China



'13.5.3: Dongkuk Univ



'13.1.25: Gyeonggi-Do



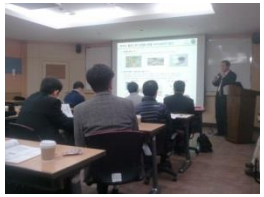
'12.11.29: KBMP



'12.8.29: Bio forum



'12.8.3: ROK Army



'12.3.27: EOV



'12.1.27: KBMP



'11.6.16: Korea Pack

주요 협약
(Major MOU)

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

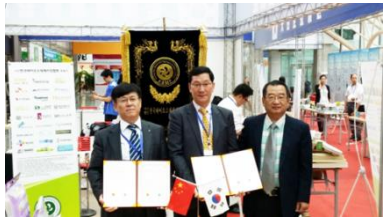

'13.12.12: Hanoi VietNam



'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



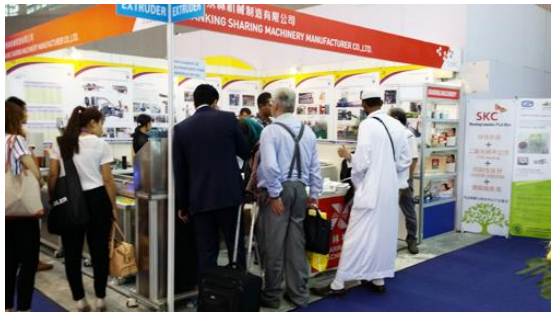
'12.10.25: CJ, Gyeonggi

주요 전시회
(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

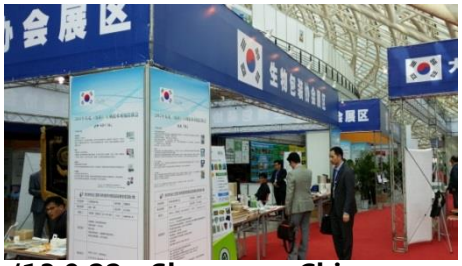


2014.7.10 : Jinan China

Before 2013



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

주요 고객 (Major Client)

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) 도일칼라켐 DOILL 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)

주요 방송, 신문 등 (Major mass media)

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 !

㈜바이오소재

경기도 부천시 원미구 지봉로 43 가톨릭대학교 창업보육센터 305~6호

T. +82-2-6238-6283~5 F. +82-32-344-6283 www.neomcc.com

tawake@naver.com

중국 사무소(난징) / China office(Nanjing) : mr.chenhong@163.com, +86-020-5270-2706

Bio Polymer Co. Ltd.

#305~6 Biz Incubator, The Catholic Univ., Wonmi Gu, Bucheon City, Gyeonggi Do, Korea

T. +82-2-6238-6283~5 F. +82-32-344-6283 www.neomcc.com tawake@naver.com

China office(Nanjing) : mr.chenhong@163.com, +86-020-5270-2706