



with

'Advanced Water-based Coating Technology'

Green Solution Provider  
CNJ GLOBLA CO., LTD

CNJ GLOBLA CO., LTD

**Optimal Choice for the Sustainable Environment!**



# ABOUT CNJ GLOBAL CO., LTD

## CNJ GLOBAL CO., LTD



CEO: KATHY CHA

ESTABLISHED IN 2018

MAIN BUSINESS: MANUFACTURING & SALES

MAIN ITEM: WATER-BASED COATING AGENT

WATER-BASED COATED PAPER PRODUCTS

Homepage: [www.justpaper.co.kr](http://www.justpaper.co.kr)

YouTube: [JUST PAPER - YouTube](https://www.youtube.com/justpaper)

ADDRESS: 2-DONG, WOLSANRO 231, EUMBONG-MYEON,  
ASAN-CITY, CHUNGCHEONGNAMDO, KOREA

JUST PAPER



JUST PAPER

WITH

ADVANCED WATER-BASED COATING TECHNOLOGY

PAPER STRAW/PAPER CUP/ PAPER LID/ PAPER CONTAINERS ETC.



Zero Waste / No More Plastics!

<p><b>Superior Longevity</b> 뛰어난 지속성</p> <p>OTHER PRODUCTS</p> <p>JUST PAPER STRAW</p> <p>JUST PAPER STRAW</p> <p>OTHER PRODUCT</p> <p><b>Glue Free</b> 무 접착제</p>	<p><b>High Durability</b> 높은 내구성</p> <p><b>Hot &amp; Ice Cup</b> 온/냉음료용</p>
<p><b>Microwavable</b> 전자레인지 사용가능</p> <p><b>Great Printability</b> 인쇄가능</p>	<p><b>Eco-Coating Solution</b> 재활용 &amp; 생분해</p> <p><b>Single &amp; Double Coating</b> 단면/ 양면 코팅</p>

JUST PAPER

지속가능한 환경을 위한 선택

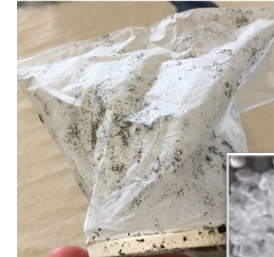
PROBLEM FOR ALL



100% NATURAL PULP



CAN BE RECYCLED INTO PAPER CUP, TISSUE OR NAPKIN



POLYETHYLENE  
FOOD-GRADE PAPER  
PRINTING

INCINERATION,  
LANDFILL

98%



KOREA RESOURCE  
CIRCULARITY ECONOMY  
RESEARCH INSTITUTE(2019)

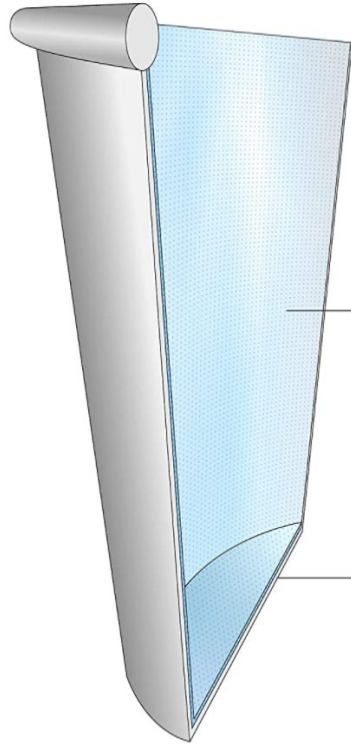
1.5% RECYCLED



**PAPER** + **PL · A · S · TIC**  
 PP PE PS PET

- HARD TO BE RECYCLED DUE TO PLASTIC RESIN LAYER INSIDE
- SPECIFIC PROCESS NEEDED TO PEEL OFF THE PLASTIC LINING FROM THE NATURAL PULP WHEN RECYCLING CURRENT PAPER PRODUCTS
- RISK OF CHEMICAL ELUTION (LIMIT OF ITS APPLICATION)

# SOLUTION



## WATER-BASED COATING

### BARRIER PROPERTIES

- WATER-PROOF
- HEAT-RESISTANCE
- GREASE RESISTANCE

### CO2 REDUCTION

- ECO-FRIENDLINESS
- SAFETY

## NATURAL PULP



## ECO-FRIENDLY WATER-BASED COATING



A perfect replacement of plastic lining for paper products.



**FOR THE SUSTAINABLE RESOURCE CIRCULARITY !**

COMPARISON



JUST PAPER CUP

WATER-BASED COATING

V S

NORMAL PAPER CUP

PE/PLA(PLASTIC) COATING

100% RECYCLABLE  
100% REPULPABLE  
NO ADDITIONAL PROCESS NEEDED

BIO-DEGRADABILITY  
96% WITHIN 12 WEEKS

SAFETY  
MICROWAVABLE /  
NO TOXIC CHEMICAL ELUTION

CO2 EMISSION REDUCTION  
ABOUT 48%



NOT RECYCLABLE OR BIO-DEGRADABLE  
SPECIAL FACILITY OR  
ADDITIONAL PROCESS NEEDED

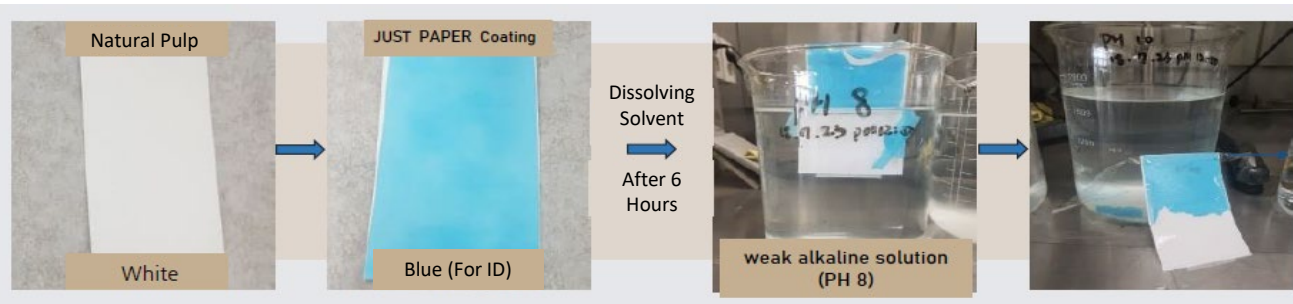
CONDITIONALLY BIO-DEGRADE (PLA)  
LARGE-SCALE FACILITY NEEDED

PLA CANNOT BE NATURALLY  
BIO-DEGRADABLE.

WORSENING CO2 EMISSION AND  
ENVIRONMENTAL POLLUTION

# RECYCLABILITY & BIO-DEGRADABILITY TEST

## Alkaline Dissociative Test

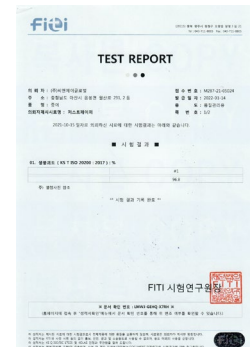
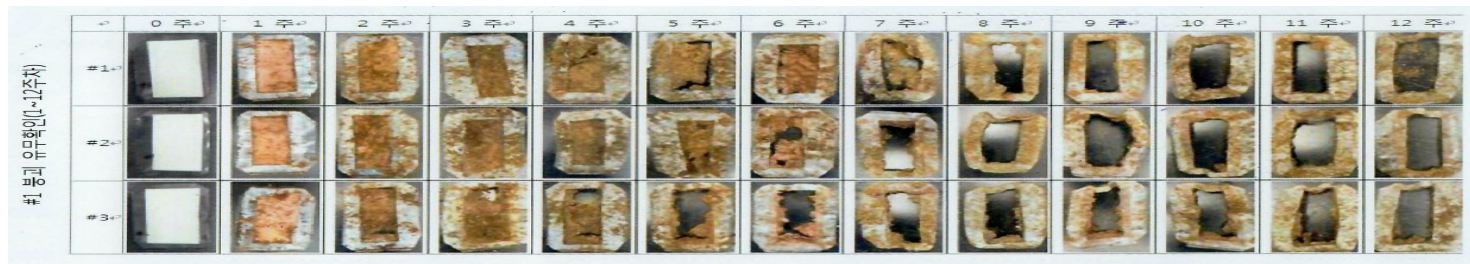


✓  
Recycle ready  
(Full separation  
of paper and  
coating)



*JUST PAPER's coated paper can be fully repulped along with other printed papers when recycling. SEPARATION is not needed when collecting paper wastes since there's no plastic lining inside.*

## Bio-Destructibility Test (12 W Test: KS T ISO 20200: 2017)



*JUST PAPER can be bio-degradable up to 96.8% within 12 weeks, and no toxic substance released when incinerated.*




# OIL RESISTANCE TEST

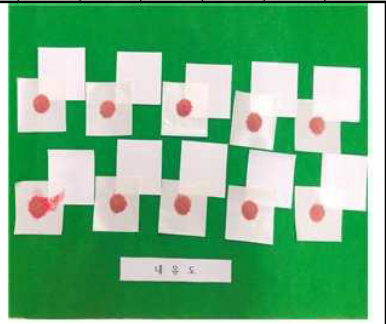
## \* Oil Resistance Comparison Test

[Table.3] Oil Resistance Test Result Unit:(s)

Oil Resistance											
Normal Food Grade Paper	T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10	Avg.
	30	30	30	30	30	30	30	30	30	30	30
JUSTPAPER	T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10	Avg.
	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600	Over 3600



[Fig.7] Oil Resistance Test Result of Normal Food Grade Paper



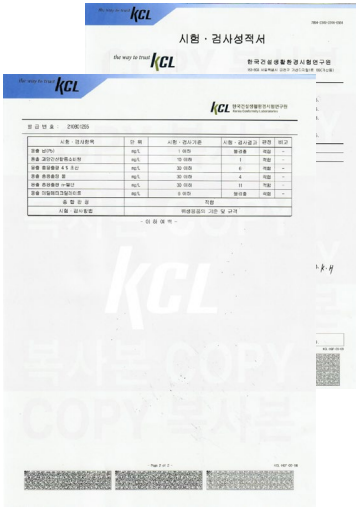
[Fig.8] Oil Resistance Test Result of JUSTPAPER



*JUST PAPER can resist oil more than 3,600 seconds(1hour) compared to normal food grade paper. Perfect for any type of food containing fat or oil. (KIT 10~12 or above)*

\* Test conducted by KTR(Korea Testing & Research Institute), Reagent used: Turpentine.

# SAFETY DATA



ELUTION RESIDUAL TEST  
(KOREA CONFORMITY LABORATORIES)



US FDA 21 CFR 176.170  
(JUST PAPER / PAPER STRAW)



LFGB & Regulation  
(EC) No. 1935/2004

**친환경**  
 환경부

제 26135 호

**환경표지 인증서**

- 상 호: (주)이천제이글로벌
- 사업자등록번호: 192-86-01092
- 소재지: 충청남도 아산시 송곡면 학산로 231, 2동
- 공장·사업장소재지: 충청남도 아산시 송곡면 학산로 231, 2동
- 대표자명: 차환규
- 내상번호: E5.006, 포장재
- 상표명/상호/제품명: 제이글로벌 / 제이글로벌
- 인증기간: 2022.01.24 ~ 2024.01.23 까지
- 인증사유: "이천제이글로벌, 지역 환경보존 우수"

「환경기술 및 환경산업 지원법」 제20조제1항, 같은 법 시행령 제20조제1항 및 같은 법 시행규칙 제20조제1항에 따라 환경표지대상제품의 인증기준에 적합하므로 환경표지의 사용을 인증합니다.

부록 표 1: 2022.03.24

2022년 01월 26일

**한국환경산업기술원**

본 인증대상제품의 생산·제조·유통 과정에서 환경오염을 방지하고, 자원 절약 및 폐기물 감소를 위하여 환경표지대상제품의 인증기준에 적합하므로 환경표지의 사용을 인증합니다.

사실확인: 1377-7900

KOREAN ECO LABEL  
(IMPROVEMENT OF RESOURCE CIRCULATION & REDUCTION OF LOCAL ENVIRONMENTAL POLLUTION)



MICROWAVE-PROVEN  
(FOOD-GRADE PAPER)



SAFETY - PROVEN

BUSINESS RANGE



WATER-BASED  
COATING AGENT



WATER-BASED  
COATED CUPSTOCK  
ROLL



RAW MATERIAL

PEPER MILL  
CUP MANUFACTURER

FINISHED PRODUCTS

DISTRIBUTOR  
CAFÉ OWENER  
FRANCHISE OWENER  
CONSUMER



JUST PAPER



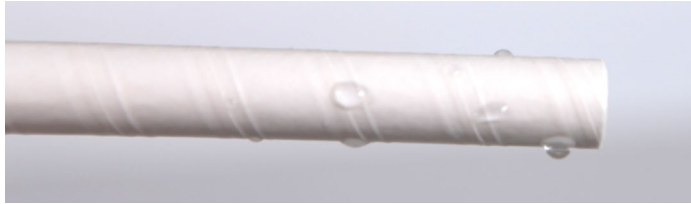
# PRODUCT CHARACTERISTICS



JUST PAPER

Water-Based Coating Technology  
CNJ GLOBAL CO.,LTD

# PAPER STRAW



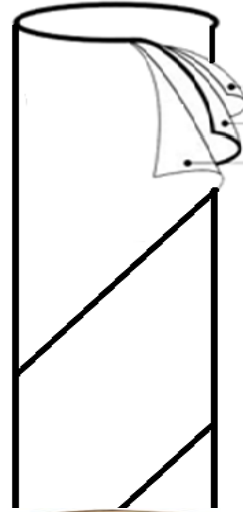
Test Condition: 80 °C, 3 minutes



JUST PAPER STRAW



OTHER PRODUCT



WATER-BASED COATING  
FOOD GRADE PAPER  
WATER-BASED COATING

## CHARACTERISTICS

- NO GLUE OR ADHESIVES USED
- SUPERIOR DURABILITY & LONGIVITY
- INNER & OUTER WATER-BASED COATING APPLIED
- NO TASTE OR SMELL OF PAPER
- SATISFY US FDA REQUIREMENT
- FULLY RECYCLABLE & BIO-DEGRADABLE
- NO BUBBLE GENERATION IN FIZZY DRINKS
- MADE IN KOREA
- 7\*210mm / 11\*210mm (CUSTOMIZABLE)
- Single Wrapped /Bulk
- 9 MIL of MONTHLY CAPACITY





저스트페이퍼 수성 종이컵 (온/냉)

JUST PAPER  
**Eco-Friendly  
Paper Cup**  
(Water-Based Coating)

MADE IN KOREA



100% Recyclable

Bio-degradable

Micro-wavable

Made In Korea

No Harmful Chemicals

No Plastic Lining (No PE/PLA)



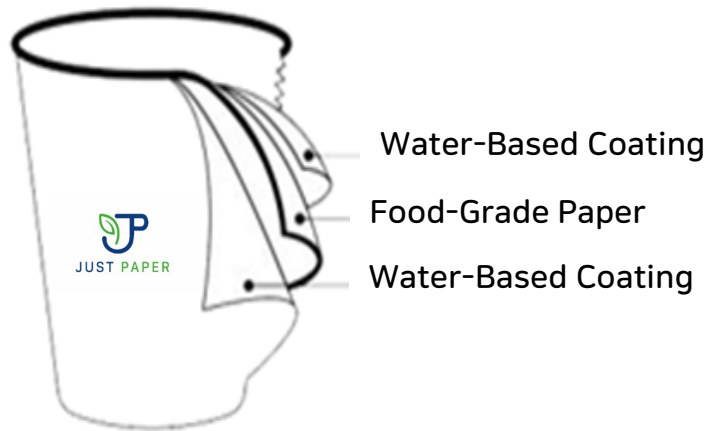
# Plastic Free JUST PAPER CUP (Water-based Coating)



Advanced Water-Based Coating Technology  
CNJ GLOBAL CO.,LTD

# JUST PAPER CUP

## Characteristics



- 100% REPULPABLE UNDER NORMAL PAPER RECYCLING SYSTEM
- NO PLASTIC LINING (NO POLYETHYLENE OR PLA LAYER)
- NO HARMFUL CHEMICAL ELUTION (NO ENDOCRINE DISRUPTOR)
- SATISFY US FDA AND LFGB REQUIREMENTS
- MICROWAVE-PROOF
- BIO-DEGRADABLE (96.8% WITHIN 12 WEEKS)
- ABOUT 48% OF CARBON EMISSION REDUCTION COMPARED TO PLASTIC LAYER
- MEET VARIOUS BARRIER PROPERTIES
- SUPERIOR DURABILITY BY USING 300GSM OR MORE

## CUP STRUCTURE



## JUST PAPER LID



## Characteristics

- 100% REPULPABLE UNDER NORMAL PAPER RECYCLING SYSTEM
- NO PLASTIC LINING (NO POLYETHYLENE OR PLA LAYER)
- NO HARMFUL CHEMICAL ELUTION (NO ENDOCRINE DISRUPTOR)
- SATISFY US FDA AND LFGB REQUIREMENTS
- MICROWAVE-PROOF
- BIO-DEGRADABLE (96.8% WITHIN 12 WEEKS)
- ABOUT 48% OF CARBON EMISSION REDUCTION COMPARED TO PLASTIC LAYER
- FOR HOT & ICE WITH PAPER STRAW (DOUBLE SIDE COATED)

## PLASTIC-FREE PAPER LID







**Plastic Free  
JUST PAPER CONTAINER  
SET  
(350ml/1100ml)**

# JUST PAPER CONTAINER SET (350ml/1100ml)

## Characteristics



## JUST PAPER CONTAINER SET

- 100% REPULPABLE UNDER NORMAL PAPER RECYCLING SYSTEM
- NO PLASTIC LINING (NO POLYETHYLENE OR PLA LAYER)
- NO HARMFUL CHEMICAL ELUTION (NO ENDOCRINE DISRUPTOR)
- SATISFY US FDA AND LFGB REQUIREMENTS
- MICROWAVE-PROOF
- BIO-DEGRADABLE (96.8% WITHIN 12 WEEKS)
- ABOUT 48% OF CARBON EMISSION REDUCTION COMPARED TO PLASTIC LAYER
- LID (DOUBLE SIDE COATED)
- CONTAINER (SINGLE SIDE COATED)
- MULTI-PURPOSE OF USING (HOT ~ FROZEN FOOD)





*Recycling precious resources and preserving eco-system are the solutions  
towards eco-friendly environment.*

*With advanced technology, CNJ Global Co., Ltd is making every endeavor  
to conserve our environment and every living creatures.*

Advanced Water-Based Coating Technology  
CNJ GLOBAL CO.,LTD