試験成績書（KCL）

KCL

TEST REPORT

1. NO : CT20-066127E
2. Client
   ○ Name : DS Co.,Ltd
3. Date of Test : 2020.06.04 ~ 2020.06.17
4. Use of Report : Submission for client
5. Test Sample : Polyethylene Film
6. Test Method
   (1) Standards and Specifications for Food Utensils, Containers and Packages.

▶ Sample :

Affirmation	Tested By Name : Sang Kyu Ryu	Technical Manager Name : Park In Book

Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr)

2020.06.17

Korea Conformity Laboratories President Yoon, Kap Seok

Result Inquiry : 99, Centum dong-ro, Haeundae-gu, Busan, Republic of Korea (82-51-793-7074)

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KCL

TEST REPORT

No : CT20-066127E

7. Test Results

1) Polyethylene Film

Test Item(s)	Unit	Specifications	Test Method	Test Results	Remark
Extraction Lead(Pb)	mg/L	Not more than 1	(1)	Not detected	-
Extraction Consumption of KMnO4	mg/L	Not more than 10	(1)	1	-
Extraction Overall migration 4 % Acetic acid	mg/L	Not more than 30	(1)	4	-
Extraction Overall migration Water	mg/L	Not more than 30	(1)	3	-
Extraction Overall migration n-Heptane	mg/L	Not more than 150	(1)	9	-
Extraction 1-hexene 4 % Acetic Acid	mg/L	Not more than 3	(1)	Not detected	-
Extraction 1-hexene Water	mg/L	Not more than 3	(1)	Not detected	-
Extraction 1-hexene n-Heptane	mg/L	Not more than 3	(1)	Not detected	-
Extraction 1-octene 4 % Acetic Acid	mg/L	Not more than 15	(1)	Not detected	-
Extraction 1-octene Water	mg/L	Not more than 15	(1)	Not detected	-
Extraction 1-octene n-Heptane	mg/L	Not more than 15	(1)	Not detected	-

▶ Material : Polyethylene

—— End of Report ——

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試験成績書（LG化学、LOTTE CHEMICAL 原本）

LG화학

대산공장

주소 : 충남 서산시 대산읍 독곶1로 54
LG화학 대산공장 QA팀
TEL : 041-661-2445,2442
FAX : 041-661-2469

LOW DENSITY POLYETHYLENE

시험 성적서

제품명	LOW DENSITY POLYETHYLENE			Grade	85500
수 량	12,000	Lot No.	C0040038	출하일자	20200413

검사항목	단위	규격	결과
용융지수 (MELT INDEX)	g/10min	3.0 ~ 3.6	3.3
밀 도 (DENSITY, @23℃)	g/㎤	0.919 ~ 0.923	0.9217
색 상 (COLOR, YI)	-	MAX 2.0	-4.0
외 관	-	NORMAL	NORMAL
FN (FILM HOMOGENEITY)	-	MAX 2	2

본 시험 성적서는 기재된 물품이 당사의 제품규격 기준에 적합한 것을 공급함을 증명합니다.

U. HEO

QA Manager
LG화학/대산공장

LOTTE CHEMICAL

Certificate of Analysis

- Product : SEETEC-LLD
- Grade : UF315X
- Batch NO : E20121154
- Date Tested : 2020-03-01
- Quantity : 6,000 MT

Date Issued: 2020-04-14

Test Item	Test Method	Unit	Spec	Result	Judge
용융지수 (MELT INDEX)	ASTM D1238	g/10min	0.9 ~ 1.3	1.1	합격
밀도 (DENSITY, 23℃)	ASTM D1505	g/㎤	0.918 ~ 0.922	0.921	합격
색상 (COLOR, Y.I)	LCC METHOD	-	Max 1.0	-1.6	합격
외관 (APPEARANCE)	LCC METHOD		Normal	Normal	합격
FISHEYE (0.25-0.40㎜)	LCC METHOD	EA/600㎠	Max 5.0	0.4	합격
FISHEYE (0.40-0.60㎜)	LCC METHOD	EA/600㎠	Max 1.0	0.0	합격
FISHEYE (>0.60㎜)	LCC METHOD	EA/600㎠	Max 0.3	0.0	합격

I hearby certify the above statement of quality to be true and correct.

Min be

Leader of Quality Control Lab.

http://www.lottechem.com

試験成績書（LG化学、LOTTE CHEMICAL 翻訳本）

LG化学

대산공장

주소 : 충남 서산시 대산읍 독곶1로 54
LG화학 대산공장 QA팀
TEL : 041-661-2445,2442
FAX : 041-661-2469

LOW DENSITY POLYETHYLENE

試験成績書

製品名	LOW DENSITY POLYETHYLENE			Grade	85500
数量	12,000	Lot No.	C0040038	출하일자	20200413

検査項目	単位	規格	結果
応用指数 (MELT INDEX)	g/10min	3.0 ~ 3.6	3.3
密度 (DENSITY, @23℃)	g/㎤	0.919 ~ 0.923	0.9217
カラー (COLOR, YI)	-	MAX 2.0	-4.0
外観	-	NORMAL	NORMAL
FN (FILM HOMOGENEITY)	-	MAX 2	2

本試験成績書は、記載された物品が当社の製品規格基準に適合していることを供給することを証明します。

본 시험 성적서는 기재된 물품이 당사의 제품규격 기준에 적합한 것을 공급함을 증명합니다.

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- Grade : UF315X
- Batch NO : E20121154
- Date Tested : 2020-03-01
- Quantity : 6,000 MT

Date Issued: 2020-04-14

Test Item	Test Method	Unit	Spec	Result	
응지수 (MELT INDEX)	ASTM D1238	g/10min	0.9 ~ 1.3	1.1	合格
도 (DENSITY, 23℃)	ASTM D1505	g/㎤	0.918 ~ 0.922	0.921	合格
상 (COLOR, Y.I)	LCC METHOD	-	Max 1.0	-1.6	合格
관 (APPEARANCE)	LCC METHOD		Normal	Normal	合格
FISHEYE (0.25-0.40㎜)	LCC METHOD	EA/600㎠	Max 5.0	0.4	合格
FISHEYE (0.40-0.60㎜)	LCC METHOD	EA/600㎠	Max 1.0	0.0	合格
FISHEYE (>0.60㎜)	LCC METHOD	EA/600㎠	Max 0.3	0.0	合格

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