



Test Report

No. F690101/LF-CTSAYAA19-33097

Issued Date: 2019. 05. 31

Page 1 of 3

DAELIM INDUSTRIAL CO., LTD.

802, Gwahak-ro, Bongdong-eup

Wanju-gun, Jeonbuk

Korea



The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No. : AYAA19-33097

Product Name : BOPP Film

Item No./Part No. : N/A

Client Reference Data : BOPP Film, BOPP Film(EVA Coating)

Received Date : 2019. 05. 28

Test Period : 2019. 05. 28 to 2019. 05. 31

Test Result(s) : For further details, please refer to following page (s)

Report Comments : By the applicant's request, item No.s/part No.s & client reference information are stated/added on report.

Result Summary :	Test Requested	Conclusion
	US FDA 21 CFR 177.1520(Olefin Polymer) (As per client's request)	-
	Olefin Polymer	-
	a) Density	PASS
	b) Melting point	PASS
	c) Extractable fraction	PASS
	d) Soluble fraction	PASS

SGS KOREA CO., LTD.

Jerry Jung/Technical Manager

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Page 2 of 3

Sample No. : AYAA19-33097.001

Sample Description : BOPP Film

Item / Part No. : N/A

Material : N/A

Test result(s) :

US FDA 21 CFR 177.1520

Method : With reference to 21 CFR 177.1520(c)(1.1a)

a) Density

Test Item(s)	Result (g/mL)	Permissible Limit (g/mL)
Density at 23.0 °C	0.882	0.880-0.913
Comment	PASS	-

b) Melting point

Test Item(s)	Result (°C)	Permissible Limit (°C)
Melting point	162	160-180
Comment	PASS	-

c) Extractable fraction

Sample extracted in n-hexane at reflux temperature for 2 hours.

Test Item(s)	Result (% w/w)	Detection Limit (% w/w)	Permissible Limit (% w/w)
Extractable fraction	1.17	0.1	6.4
Comment	PASS	-	-

d) Soluble fraction

Sample dissolved in xylene under the condition of 25°C for 2 hours.

Test Item(s)	Result (% w/w)	Detection Limit (% w/w)	Permissible Limit (% w/w)
Soluble fraction	1.57	0.1	9.8
Comment	PASS	-	-

Note : 1. g/mL = gram per milliliter

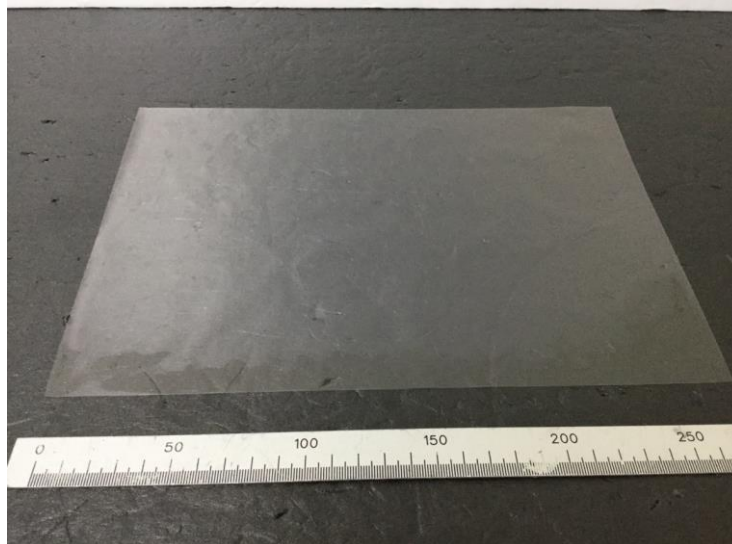
2. % w/w = percentage of weight by weight

3. °C = degree Celsius

4. N.D = Not detected

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Picture of Samples as Received:



AYAA19-33097.001

*** End of Report ***

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