



# Test Report

No. F690101/LF-CTSAYAA16-19232

Issued Date: 2016. 04. 04

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## DAELIM INDUSTRIAL CO., LTD

802 Gwahak-ro Bongdong-eup Wanju-gun  
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Korea

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

**SGS File No.** : AYAA16-19232  
**Product Name** : BOPP FILM  
**Item No./Part No.** : N/A  
**Client reference data** : BOPP FILM, BOPP FILM(EVA Coating FILM)  
**Received Date** : 2016. 03. 24  
**Test Period** : 2016. 03. 24 to 2016. 04. 04  
**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.

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

SGS Korea Co., Ltd.

Jeff Jang / Chemical Lab manager

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Sample No. : AYAA16-19232.001

Sample Description : BOPP FILM

Item / Part No. : N/A

Material : HOMO PP

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 22.5 °C	0.91	0.880-0.913
Comment	PASS	-

## b) Melting point

Test Item(s)	Result (°C)	Permissible Limit (°C)
Melting point	163	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	2.05	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	3.34	0.1	9.8
Comment	PASS	-	-

Note : 1. g/mL = gram per milliliter

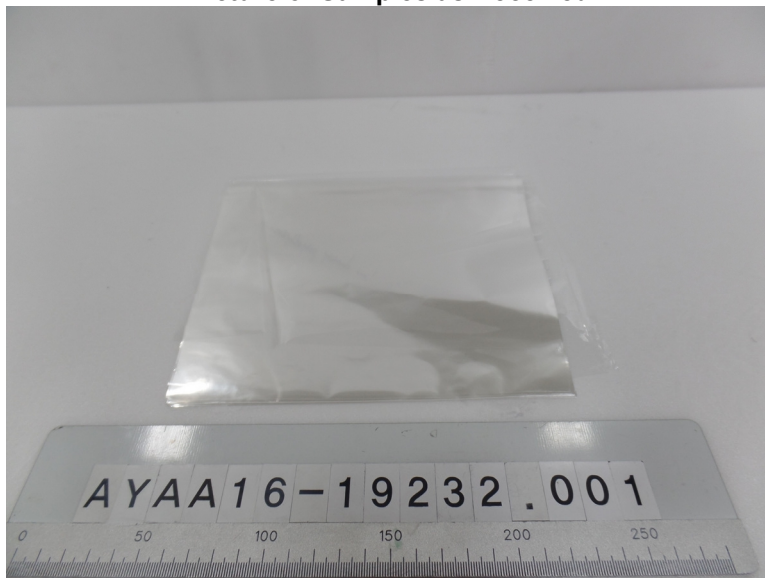
2. % w/w = percentage of weight by weight

3. °C = degree Celsius

4. N.D = Not detected

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Picture of Samples as Received:



\*\*\* End of Report \*\*\*

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