

Test Report No. 5195491

Date : 3-Mar-2022

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**Client : Prepack Thailand Co., Ltd.**  
**30/145,Moo1,**  
**Khok Kham, Muang Samutsakhon, Samutsakorn 74000 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Name : OPP/MCPP (JFSL)  
Sample Description : Plastic Film  
Manufacturer/Vendor : Prepack Thailand Co., Ltd.  
Country of Origin : Thailand

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5407033  
Sample Condition : Sample is contained in a plastic bag.  
Quantity Submitted : 1 pack  
Sample Receiving Date : 18-Feb-2022  
Testing Period : 18-Feb-2022 to 3-Mar-2022

Test Method &amp; Results : Please refer to next page(s).

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**Test Requested & Result Summary**

Test Requested: Please refer to the result summary (Test parameter(s) was/were selected by client).

**Result Summary:**

Test Requested	Conclusion
Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233) -	--
a) Polypropylene (PP)	
1. Total Lead and Cadmium content	PASS
2. Heavy metals (as Lead)	PASS
3. Consumption of Potassium Permanganate	PASS
4. Evaporation residue of water,4% acetic acid,20% ethanol and n-heptane	PASS
5. Migration of coloring matter	PASS

**Remark:**

1. Test results in this report are applicable for the item tested and reflects the tested sample as received.
2. The decision rules based on simple acceptance which the probability of false accept may be as high as 50% in case the results is exactly on the tolerance limit.

**Signed for and on behalf of  
SGS (Thailand) Limited**



**Rutchuporn Mounksom  
Laboratory manager - Hardgood**

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**TEST RESULTS**

**Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233)**

Method : With reference to Section III of Japan Ministry of Health and Welfare Notice No. 370 and its amendments.

1) Total Lead and Cadmium content\*\*\*

Test items	Result (1) (microgram per gram)	Limit (microgram per gram)
Lead content	<2	100
Cadmium content	<2	100
Comment	PASS	--

Sample Description:

(1) Metallized/clear laminated bag with red/ white printed

Note: 1. < = Less than

2) Heavy metals (as Lead)\*\*\*

Test Condition : 4% acetic acid at 60 degree C for 30 minutes.

Test items	Result (1) (microgram per millilitre)	Limit (microgram per millilitre)
Heavy Metals (as Lead)	<1	1
Comment	PASS	--

Sample Description:

(1) Metallized / clear laminated bag with red/ white printed (inside)

Note: 1. degree C = degree Celsius

2. <1 is shown when sample solution is thinner than the standard solution with 1 microgram per millilitre of Lead.

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**TEST RESULTS**

3) Consumption of Potassium Permanganate\*\*\*

Test Condition : Water at 60 degree C for 30 minutes.

Test items	Result (1) (microgram per millilitre)	Limit (microgram per millilitre)
Consumption of Potassium Permanganate	<5	10
Comment	PASS	--

Sample Description:

(1) Metallized / clear laminated bag with red/ white printed (inside)

Note: 1. degree C = degree Celsius  
2. < = Less than

4) Evaporation residue of water, 4% acetic acid, 20% ethanol and n-heptane\*\*\*

Simulant Used	Test Condition	Evaporation residue Result (1) (microgram per millilitre)	Limit (microgram per millilitre)
Water	30 minutes at 60 degree C	<5	30
4% Acetic Acid	30 minutes at 60 degree C	<5	30
20% Ethanol	30 minutes at 60 degree C	<5	30
n-Heptane	60 minutes at 25 degree C	<5	150
Comment	--	PASS	--

Sample Description:

(1) Metallized / clear laminated bag with red/ white printed (inside)

Note: 1. degree C = degree Celsius  
2. < = less than

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**TEST RESULTS**

6) Migration of coloring matter\*\*

Simulant Used	Test Condition	Observation Result (1)
Water	30 minutes at 60 degree C	No color leach out
4% Acetic Acid	30 minutes at 60 degree C	No color leach out
20% Ethanol	30 minutes at 60 degree C	No color leach out
n-Heptane	60 minutes at 25 degree C	No color leach out
Comment	--	PASS

Sample Description:

(1) Metallized / clear laminated bag with red/ white printed (inside)

Note: degree C = degree Celsius

Remark:

1. The test item(s) marked \*\* on test report is/are analyzed at SGS (Thailand) Limited, address: 41/16-20 and 41/23 Soi Rama III 59, Rama III road, Chongnonsee, Yannawa, Bangkok but not included in the NSC-ONSC accreditation scope.
2. The test item(s) marked \*\*\* on test report is/are analyzed at SGS (Thailand) Limited, address: 41/16-20 and 41/23 Soi Rama III 59, Rama III road, Chongnonsee, Yannawa, Bangkok.

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SAMPLE/ATTACHMENT PICTURE



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

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