

Test Report

Report No.: DGCTT170860196EN

Date: Aug. 16, 2017

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Applicant: XIAMEN BEST RESOURCE FOREIGN TRADE CO., LTD

Address: ROOM 2601 BUILDING D4, WANDA PLAZA, HULI DISTRICT, XIAMEN, CHINA

The following merchandise was (were) submitted and identified by client as:

Sample Name: GLOSSY BOPP THERMAL LAMINATING FILM and
MATTE BOPP THERMAL LAMINATING FILM

Sample Received Date: Aug. 11, 2017

Completed Date: Aug. 16, 2017

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	US FDA 21 CFR 175.300: Resinous and polymeric coatings. - Chloroform-soluble extractives in Distilled water - Chloroform-soluble extractives in n-Heptane	PASS
2	Submitted sample	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in accessible substrate materials	PASS
3	Submitted sample	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Phthalates	PASS
4	Submitted sample	ASTM F963-16 Section 4.3.5.2 - Total Lead content in substrate material	PASS
5	Submitted sample	ASTM F963-16 Section 4.3.5.2 - Soluble Heavy Metals content in substrate material	PASS

Signed for and on Behalf of CTT




Hialry He / Technical Manager
Consumer Testing Technology Co., Ltd.

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Test Result(s):

US FDA 21 CFR 175.300 - Chloroform-soluble extractives

Method: With reference to US FDA 21 CFR 175.300

Material No.	Description	Location
1	White transparent plastic	Body

Material No.	Test Condition	Limit (mg/inch ²)	Result (mg/inch ²)	Conclusion
1	Distilled water Fill boiling, cool to 100°F	0.5	<0.3	PASS
	n-Heptane at 120°F for 15 min	0.5	<0.3	PASS

- Note:**
1. mg/inch² = milligram per square inch.
 2. °F = Degrees Fahrenheit.

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Test Result(s):

The Lead content of accessible substrate materials - CPSIA

Method:

Metal - CPSC-CH-E1001-08.3

Nonmetal - CPSC-CH-E1002-08.3

Analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.

Phthalates - CPSIA

Method: CPSC-CH-C1001-09.3, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Substances	DBP	BBP	DEHP	DINP	DNOP	DIDP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	28553-12-0 68515-48-0	117-84-0	26761-40-0 68515-49-1	
Limit (mg/kg)	1000	1000	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	50	30	50	
Material No.	Result (mg/kg)						
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Children's toys and child care articles shall not more than 1000 mg/kg DBP, BBP or DEHP.
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.
 5. Children's toy that can be placed in the mouth and child care articles shall not more than 1000 mg/kg DINP, DNOP or DIDP.
 - Toys that can be kept in the mouth by a child so that it can be sucked or chewed.
 - Toys or part of toy with one dimension less than 5 cm.

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Test Result(s):

Total Lead content in substrate material - ASTM F963-16 Section 4.3.5.2 ⁿ

Method: ASTM F963-16 Section 8.3.1, analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	10	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.

Soluble Heavy Metals content in substrate material - ASTM F963-16 Section 4.3.5.2 ⁿ

Method: ASTM F963-16 Section 8.3.2 to Section 8.3.5, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Elements	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Limit (mg/kg)	25	1000	75	60	60	90	60	500	
RL (mg/kg)	2.5	5	5	5	5	5	5	5	
Material No.	Result (mg/kg)								Conclusion
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.

Test Material List:

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
1	White transparent plastic	Body

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Photo of Sample:



End of Report

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