



Report No.: RTS220827X2757FDBG

Date : 2022-09-05

Page 1 of 7

TEST REPORT

Test information

Applicant	:	Ningbo Home-Dollar Imp.& Exp.Corp.
Address	:	69 Guangyuan Road, Jiangbei District, Ningbo,China.
Sample Description	:	ICE CUBE.
Buyer	:	REGENT PRODUCTS CORP.
Export to	:	USA.
Country of origin	:	China.
Receiving Date	:	August 27, 2022.
Test period	:	August 27, 2022.~September 05, 2022.
Amended date	:	September 01, 2022.
Test Requested	:	Tests requested in accordance to client requirement.

<u>TEST ITEMS</u>	<u>CONCLUSION</u>
Soluble fraction in Xylene – US FDA 21 CFR 177.1520	PASS
Extractable fraction in n-hexane – US FDA 21 CFR 177.1520	PASS
Density at 23°C– US FDA 21 CFR 177.1520	PASS
Melting point – US FDA 21 CFR 177.1520	PASS
Total extractives – US FDA 21 CFR 177.2600	PASS
Total Lead(Pb) Content - California Proposition 65- Superior Court of California- County of Santa Clara Case No. 112CV231165.	PASS
Total Cadmium(Cd) Content - California Proposition 65- Superior Court of California- County of Alameda Case No. RG 10-514803.	PASS
Phthalates Content test- Client's requirement	PASS

This report replaces the original report: RTS220827X2757FD, The original report was voided.

Signed for and on behalf of
RTS TEST CO., LTD.(Zhejiang)



BINBIN ZOU

Approved signatory

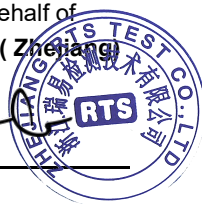
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Sample image:



Finished product image[△]:



Note: [△]=Not a test sample,The customer declares that the same parts of the batch and the test sample are made from the same batch of raw materials.RTS does not conduct authenticity verification.



Test result:

A.*Soluble fraction in xylene – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Transparent PP ice cube	PP

Simulant Used	Time	Temp	Detection limit	Test result A1	Maximum Permissible Limit
Soluble fraction in xylene, w/w %	1h	25°C	0.5	1.80	9.8

Note:

- 1)N.D= Not detected, less than Detection limit.
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

B.*Extractable fraction in n-hexane – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Transparent PP ice cube	PP

Simulant Used	Time	Temp	Detection limit	Test result A1	Maximum permissible Limit
Extractable fraction in n-hexane at reflux temperature , w/w %	2h	reflux temperature	0.5	0.46	6.4

Note:

- 1)N.D= Not detected, less than Detection limit.
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

**C.* Density at 23°C – US FDA 21 CFR 177.1520:(Unit: g/cm³)****Test method:** With reference to US FDA 21 CFR 177.1520 d(1).

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Transparent PP ice cube	PP

Test item(s)	Test result	Maximum permissible Limit
Density at 23°C, g/cm ³ Comment	A1 0.896	0.880-0.913

Note:

- 1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

D.*Melting point – US FDA 21 CFR 177.1520:(Unit: °C)**Test method:** With reference to US FDA 21 CFR 177.1520 d(2).

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Transparent PP ice cube	PP

Test item(s)	Test result	Maximum permissible Limit
Melting point, °C	A1 170.5	160-180

Note:

- 1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

**E.*Total extractives – US FDA 21 CFR 177.2600:** (Unit:mg/in²)**Test method:** With reference to US FDA 21 CFR 177.2600.

Test Number	Item/ component description(s)	Material (claimed by the client)
A2	Red TPR	TPR

Parameter	Time	Detection limit (mg/in ²)	Test result (mg/in ²)	Permissible limit (mg/in ²)
			A1	
Distilled Water	7.0 H	0.5	N.D.	20
Reflow temperature	2.0 H	0.5	N.D.	1
N-hexane	7.0 H	0.5	101.5	175
Reflow temperature	2.0 H	0.5	3.3	4

Notes:

- 1) N.D= Not detected, less than Detection limit .
- 2) mg/in² = milligram per square inch.

F. Total Lead(Pb) content: (Unit: mg/kg)

California Proposition 65- Superior Court of California- County of Santa Clara Case No. 112CV231165.

Test method: As per Metal - CPSC-CH-E1001.08.3; Nonmetal - CPSC-CH-E1002.08.3; Surface coating - CPSC-CH-E1003.09.1, Was analyzed by flame atomic absorption spectrometry (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A1&A2	Transparent PP ice cube & Red TPR

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A1&A2▲	5	N.D.	100	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Products shall not exceed 100 ppm (0.01 %) total lead content.
- 4) Products shall produce a result of 1.0 micrograms or less lead in Ghost Wipe™ test
- 5)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:Zhejiang RTS Test Co.,Ltd. is the US (CPSC) Accredited Third Party Testing Laboratory, [LAB ID: 1422](#), Shall refer to:
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G. Total Cadmium(Cd) content: (Unit: mg/kg)

California Proposition 65- Superior Court of California- County of Alameda Case No. RG 10-514803

Test method: RTS-ZY-008 As per Metal - CPSC-CH-E1001-08.3; Nonmetal - CPSC-CH-E1002-08.3; Surface coating - CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(S)
A1&A2	Transparent PP ice cube & Red TPR

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A1&A2▲	5	N.D.	300	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Product shall not exceed 300 ppm (0.030%) total cadmium content.
- 4)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

**H.Phthalates Content Test:** (Unit: mg/kg)**Test method:** With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Number	Item/ component description(s)
A1&A2	Transparent PP ice cube & Red TPR

Test Item(s)	CAS No.	Results A1&A2▲	MDL	Client's Limit
Dibutyl Phthalate(DBP)	84-74-2	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	85-68-7	N.D.	50	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	N.D.	50	1000
Di-iso-nonyl Phthalate(DINP)	28553-12-0	N.D.	50	1000
Di-iso-decylphthalate(DIDP)	26761-40-0	N.D.	50	1000
Di-n-hexyl phthalate(DNHP)	84-75-3	N.D.	50	1000
Conclusion	-	PASS	-	-

Note:

- 1) N.D. = not detected, less than MDL.
- 2) MDL = Method Detection Limit.
- 3)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

----- End of Report -----

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