



**Test Report**

No.: XMHL1701000246CW

Date: Jan. 22, 2017

Page 1 of 6

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

Sample Description : DISPOSABLE PLASTIC FOOD CONTAINER  
SGS Ref No. : CANHG1701011601  
Style / Item No. : YQ382/YQ383/YQF50/YQ476  
Manufacture :  
Sample Receiving Date : Jan. 13, 2017  
Test Performing Date : Jan. 13, 2017 to Jan. 22, 2017  
Test Performed : Selected test(s) as requested by applicant  
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of  
Xiamen Branch, SGS-CSTC Co., Ltd.

Sharky Xia  
Approved Signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 1443, or email: [CN\\_Check@sgs.com](mailto:CN_Check@sgs.com)  
No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 t (86-592) 5766537 f (86-592) 5766460 www.sgs.com.cn  
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 t (86-592) 5766537 f (86-592) 5766460 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**Part 1: SGS Ref. No. is CANHG1701016401**

Result Summary :

**Test Requested**

FDA 21 CFR 177.1520—Maximum extractable fraction in n-Hexane  
 FDA 21 CFR 177.1520—Maximum soluble fraction in xylene  
 FDA 21 CFR 177.1520—Density at 23°C  
 FDA 21 CFR 177.1520—Melting Point

**Conclusion**

PASS  
 PASS  
 PASS  
 PASS

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN17-010164.001	Transparent plastic box(1#)	PP
SN2	CAN17-010164.002	Transparent plastic box(2#)	PP

**FDA 21 CFR 177.1520—Maximum extractable fraction in n-Hexane**

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	1.4%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

**FDA 21 CFR 177.1520—Maximum soluble fraction in xylene**

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
Xylene	2hr(s)	25°C	9.8%(w/w)	4.0%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms--Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: [86-755] 8307 1443, or email: CN.Doccheck@sgs.com  
 No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 t (86-592) 5766537 f (86-592) 5766460 www.sgs.com.cn  
 中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 t (86-592) 5766537 f (86-592) 5766460 e sgs.china@sgs.com

### FDA 21 CFR 177.1520–Density at 23°C

Test Method : With reference to US FDA 21 CFR 177.1520 d(1).

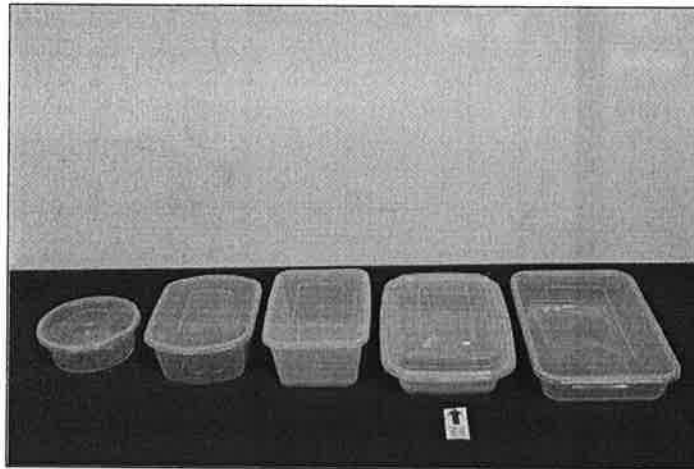
<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Density at 23°C, g/ cm <sup>3</sup>	0.880-0.913	0.904
<b>Comment</b>		<b>PASS</b>

### FDA 21 CFR 177.1520–Melting Point

Test Method : With reference to US FDA 21 CFR 177.1520 d(2).

<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Melting Point, °C	160-180	164.5
<b>Comment</b>		<b>PASS</b>

### Sample photo(s):

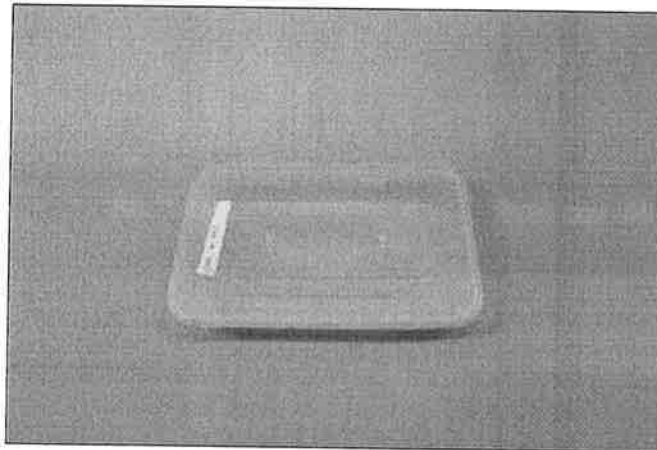


CAN17-010164.001



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 No.21 Xiangsheng Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 | (86-592) 5766537 | (86-592) 5766460 | [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
 中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 | (86-592) 5766537 | (86-592) 5766460 | [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



CAN17-010164.002



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 | (86-592) 5766537 | (86-592) 5766460 | www.sgs.com.cn  
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 | (86-592) 5766537 | (86-592) 5766460 | e sgs.china@sgs.com

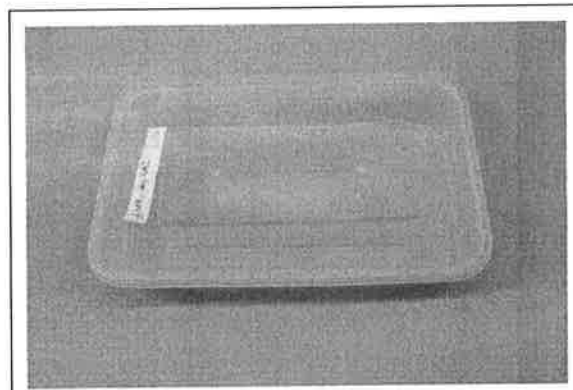
**Part 2: SGS Ref. No. is GZIN1701002229MR**

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Melting Temperature	ASTM E794-06(2012)	164.5°C	/

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.

Original Sample Photo:



Sample A



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)8367 1443, or email: [CN.Descheck@sgs.com](mailto:CN.Descheck@sgs.com)

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 t (86-592) 5766537 f (86-592) 5766460 www.sgs.com.cn  
 中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 t (86-592) 5766537 f (86-592) 5766460 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Test Item: Melting Temperature

Sample Description: Plastic part

Test Method: ASTM E794-06(2012), analysis was performed by DSC.

Test Condition:

Type of sample container: Al;

Purge gas flow rate (Nitrogen: 99.999%): 50ml/min;

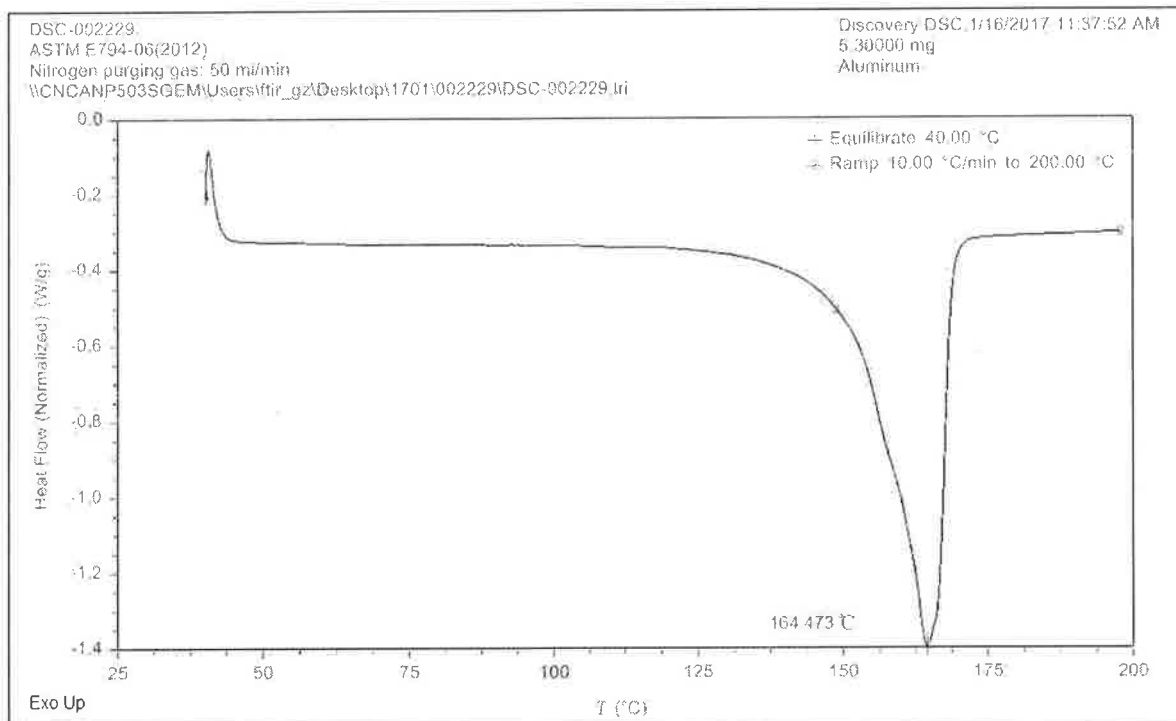
Temperature range: 40~200°C;

Ramp: 10°C/min.

Test Result:

Test Item	Results (DSC curve see Fig.1)
Melting Temperature	164.5°C

Fig.1



The testing report/certificate only refers to the sample(s) tested.

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Deccheck@sgs.com

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 | (86-592) 5766537 | (86-592) 5766460 | www.sgs.com.cn  
 中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 | (86-592) 5766537 | (86-592) 5766460 | e.sgs.china@sgs.com