

**Test Report**

No. CANEC1804308201

Date: 28 Mar 2018

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WUHAN BOYUAN PAPER & PLASTIC PRINTING CO., LTD  
 NO.60.YINBAI ROAD. EAST-WEST LAKE DISTRICT. WUHAN. CHINA. 430040.


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

SGS Job No. : CQ18847637EC - CQ  
 Date of Sample Received : 15 Mar 2018  
 Testing Period : 15 Mar 2018 - 28 Mar 2018  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane	PASS
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	PASS
FDA 21 CFR 177.1520–Density at 23°C	PASS
FDA 21 CFR 177.1520–Melting Point	See Results

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Ivy Ren  
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-043082.001	Transparent plastic cup	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)	2.4%(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)	2.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

**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**



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

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Melting Point, °C	160-180	158.3#

### Notes :

1. The FDA tests are intended for the raw/virgin polymer material. Since this was not available, the finished article was tested, and this testing included the polymer and all the other substances that were added during the manufacturing process. It is recommended that the physical parameters be tested on the raw/virgin polymer material.
2. # = Exceeds the limit

Sample photo:



SGS authenticate the photo on original report only

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

