

Test Report

No. SHAHG1523088601

Date: 17 Nov 2015

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RTCO(HK)CO.,LIMITED

ROOM 20A,KIU FU COMMERCIAL BUILDING,300 LOCKHART ROAD,WAN CHAI,HONGKONG

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

SGS Job No. : SHHG1511043839CW - SH
 Date of Sample Received : 11 Nov 2015
 Testing Period : 11 Nov 2015 - 17 Nov 2015
 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- Extractable fraction	PASS
FDA 21 CFR 177.1520- Soluble fraction	PASS
FDA 21 CFR 177.1520-Density at 23°C	PASS
FDA 21 CFR 177.1520- Melting point	PASS

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Serena Wang
 Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA15-230886.001	Black plastic lid	PP
SN2	SHA15-230886.002	Black plastic container	PP

FDA 21 CFR 177.1520- Extractable fraction

Test Requested : As specified for client, to determine extractable fraction in n-hexane for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Method : With reference to 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>Conclusion</u>
n-hexane	2hr(s)	Reflux temperature	6.4% (w/w)	0.6% (w/w)	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Conclusion</u>
n-hexane	2hr(s)	Reflux temperature	6.4% (w/w)	<0.5% (w/w)	PASS

Notes :

%(w/w) = percentage of weight by weight

FDA 21 CFR 177.1520- Soluble fraction

Test Requested : As specified for client, to determine soluble fraction in xylene for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

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

<u>Simulant Used</u>	<u>Time</u>	<u>Temp</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Conclusion</u>
Xylene	-	25°C	9.8% (w/w)	8.6% (w/w)	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temp</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Conclusion</u>
Xylene	-	25°C	9.8% (w/w)	8.9% (w/w)	PASS



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Notes :

%(w/w) = percentage of weight by weight

FDA 21 CFR 177.1520- Density at 23°C

Test Requested : As specified for client, to determine density at 23°C for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.901	0.901
Conclusion		PASS	PASS

FDA 21 CFR 177.1520- Melting Point

Test Requested : As specified for client, to determine melting point for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Melting point, °C*	160-180	168	169
Conclusion		PASS	PASS

Notes :

(1) * These tests were subcontracted to SGS-Ningbo CHEMICAL LAB.



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Sample photo:



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