

Test Report

No. SHAMPLP1422354003

Date: 15 Jan 2015

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NINGBO JINYU COMMODITY CO.,LTD

KANGSHANG VILLAGE, YUYAO CITY, ZHEJIANG PROVINCE, CHINA, 315400


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

SGS Job No. : SHIN1411049149PC - SH
 Material and Mark : M800E
 Product Specification : 25KG
 Manufacturer : SINOPEC SHANGHAI PETROCHEMICAL CO.,LTD
 Date of Sample Received : 24 Nov 2014
 Testing Period : 24 Nov 2014 - 01 Dec 2014
 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	FAIL

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



Marry Ma

Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA14-223540.001	Translucent plastic plate	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>Comment</u>
n-hexane	2hr(s)	reflux temperature	6.4% (w/w)	1.7% (w/w)	PASS

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>Comment</u>
Xylene	-	25°C	9.8% (w/w)	5.9% (w/w)	PASS

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>
Density at 23°C, g/ cm ³	0.880-0.913	0.898
Comment		PASS



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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>
Melting point, °C*	160-180	147#
Comment		FAIL

Notes :

- (1) * These tests were subcontracted to SGS-Ningbo CHEMICAL LAB.
- (2) #=Exceed the limit

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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