

TEST REPORT

NO.: A002R121210056-1R02A1

Date: Dec. 24, 2012

Page 1 of 3

Customer: Astor Chemical Industrial (Jiangsu) Co., Ltd.

Address: No. 3, Changjiang Road, Baoshui Area, Zhangjiagang City Jiangsu

Report on the submitted sample said to be

Sample name: HIPS D6007

Model: /

Item/Lot No.: /

Material: Modified polystyrene

Buyer: /

Supplier: /

Manufacturer: /

Sample received date: Dec. 10, 2012

Testing period: From Dec. 10, 2012 to Dec. 24, 2012

Testing Requested

In accordance with German Food, Article of Daily Use and Feed Code – Lebensmittel und Bedarfsgegenstände und Futtermittelgesetzbuch(LFGB), Section 30&31, European Commission Directive 2002/72/EC, 2004/1935/EC, BFR recommendation and Germany recommendation for metal release.

Results:

Please refer to next page(s).

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of

Shenzhen AOV Testing Technology Co., Ltd, Kunshan Branch

Project Leader: Maggie

Li Tingting, Maggie
Chemical Test Director

Reviewed by: Weikin

Wang Wexin, Weikin
Technical Director

Approved by: Mickey

Yuan Qi, Mickey
Lab Manager

TEST REPORT

NO.: A002R121210056-1R02A1

Date: Dec. 24, 2012

Page 2 of 3

Test result:
1. Sensorial Examination odour and taste test

Test Item	Requirements	Results
Sensorial Examination odour (Point scale)	2.5	0
Sensorial Examination taste (Point scale)	2.5	0

Note:

0=no discernible deviation

1=barely discernible deviation

2=weak deviation

3=clear deviation

4=strong deviation

2. Overall Migration

Parameter	Unit	Requirements	Results
- DI water, 50°C, 240h	mg/dm ²	10	<2

3. Phthalate content

Test Item	Unit	Requirements	Results
Phthalate content	DEHP	%	≤0.1
	DBP	%	≤0.05
	DIDP	%	≤0.1
	DINP	%	≤0.1
	BBP	%	≤0.1

4. Volatile Organic Matter (VOM)

Test Item	Unit	Limit	Results
Volatile Organic Matter	mg/dm ²	15	<3

5. Peroxide value

Test Item	Unit	Limit	Results
Peroxide value	mg/kg	Undetectable	N.D.

Note:

- mg/dm² denotes milligrams per square decimeter of surface area
- N.D. =not detected
- MQL=Method Quantitation Limit
- Photo is included

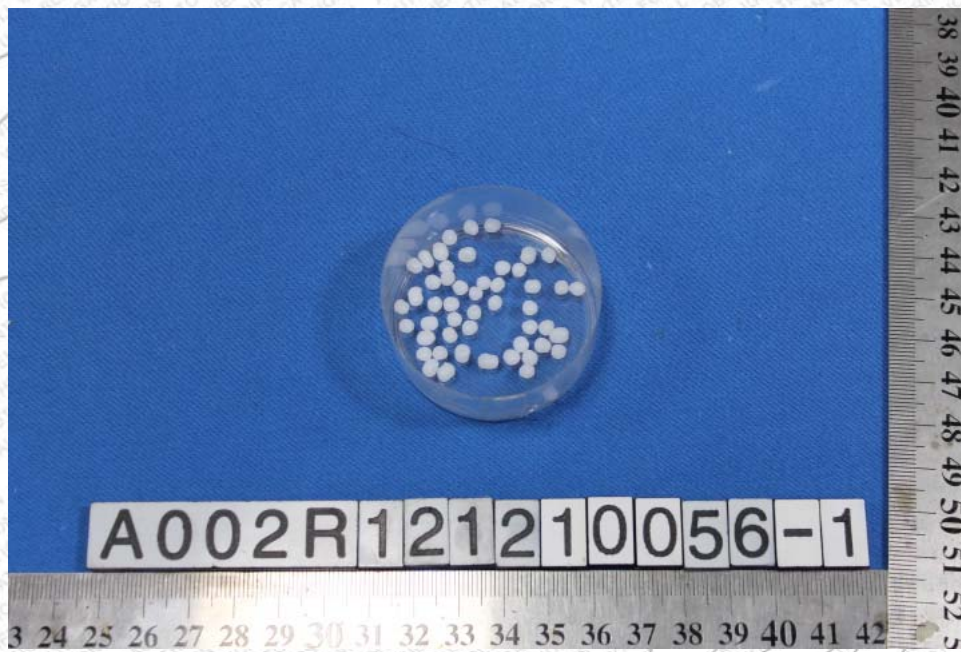
TEST REPORT

NO.: A002R121210056-1R02A1

Date: Dec. 24, 2012

Page 3 of 3

Photograph of Sample



HIPS D6007

End of Report