



**Test Report**

No.: GLHGR071006021CM

Date: OCT 23, 2007

Page 1 of 2

The following sample(s) was/were submitted and identified on behalf of the applicant as PVC PLASTICS FILM  
Client Reference : Style/Item No.:PVC PLASTICS FILM

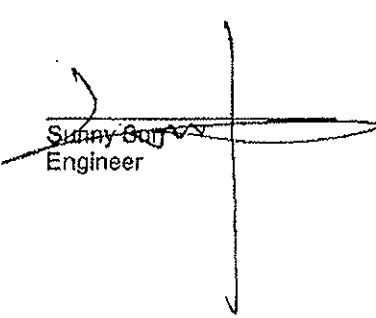
SGS Ref No. : GZ0710152165/CHEM  
Sample Receiving Date : OCT 16, 2007  
Testing Period : OCT 16, 2007 TO OCT 19, 2007

Test Requested : Determination of Phthalate in the submitted sample.

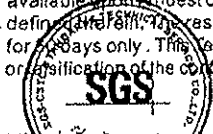
Test Method : With reference to ASTM Method Designation D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

Test Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Sunny Gu  
Engineer

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### Test Results

Phthalate	No. 1	MDL
Dimethyl Phthalate (DMP)	N.D.	0.005%
Diethyl Phthalate (DEP)	N.D.	0.005%
Dibutyl Phthalate (DBP)	N.D.	0.003%
Benzylbutyl Phthalate (BBP)	N.D.	0.003%
Di-(2-ethylhexyl) Phthalate (DEHP)	N.D.	0.003%
Diisononyl Phthalate (DINP)	N.D.	0.01%
Di-n-octyl Phthalate (DNOP)	N.D.	0.003%
Diisodecyl Phthalate (DIDP)	N.D.	0.01%
Diiso butyl Phthalate (DIBP)	N.D.	0.01%
Dinonyl Phthalate (DNP)	N.D.	0.01%
Diisooctyl Phthalate (DIOP)	N.D.	0.01%
Dipropyl Phthalate (DPrP)	N.D.	0.005%
Dicyclohexyl Phthalate (DCHP)	N.D.	0.005%
Dipentyl Phthalate (DPP)	N.D.	0.005%
Bis-hexyl phthalate (DHP)	N.D.	0.005%

### Test Part Description:

No.1 Transparent plastic sheet

- Note : 1. mg/kg = ppm; 0.1% = 1000ppm  
 2. MDL = Method Detection Limit  
 3. N.D. = Not detected (Less than MDL)

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

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GZHG 190063



碩陵(八丈河)鑛業金屬

Test Report

No.: GLHGR071006313CM

Date: OCT 26, 2007

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

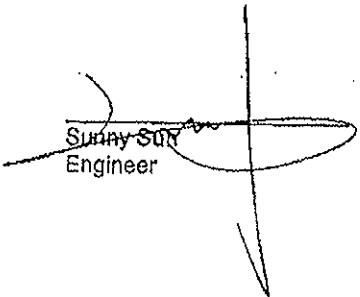
Product Description : PVC PLASTICS FILM  
 Style / Item No. : PVC PLASTICS FILM  
 SGS Ref No. : GZ0710155126/CHEM  
 Sample Receiving Date : OCT 19, 2007  
 Testing Period : OCT 19, 2007 TO OCT 24, 2007

TEST REQUESTED : As specified by client, to test soluble Lead, soluble Antimony, soluble Arsenic, Soluble Barium, soluble Cadmium, soluble Chromium, soluble Mercury, soluble Selenium content in the submitted sample.

TEST METHOD : With reference to EN71 part 3 : 1994 (including amendment A1:2000/ AC:2002). Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).

RESULTS : Please refer to next page.

Signed for and on behalf of  
 SGS-CSTC Ltd.

  
 Sunny Sun  
 Engineer

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### Results :

EN71 Part 3 : 1994 (including amendment A1:2000/ AC:2002) - Migration of Certain Elements

<u>Element</u>	<u>No.1</u>	<u>Limit</u>
Soluble Lead (Pb)	< 5	90 mg/kg
Soluble Antimony (Sb)	< 2	80 mg/kg
Soluble Arsenic (As)	< 2	25 mg/kg
Soluble Barium (Ba)	< 5	1000 mg/kg
Soluble Cadmium (Cd)	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	60 mg/kg
Soluble Mercury (Hg)	< 2	60 mg/kg
Soluble Selenium (Se)	< 5	500 mg/kg

Note : - < = Less than  
- The unit of results is mg per kg

### Test Part Description:

No. 1 Transparent plastic film

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

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PVC CROTHS

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**TEST REPORT**

APPLICANT:

Guangzhou, Guangdong  
China

Attn: Ms. Liqin Liu

REPORT NUMBER: WOSZ58739  
DATE: April 2, 2007

SAMPLE DESCRIPTION: One (1) submitted sample of transparent plastic sheet said to be PVC Sheet.  
Style No.: CG730232  
Sample received date: March 27, 2007  
Date of testing started: March 27, 2007  
Date of testing ended: April 2, 2007

TEST CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)  
PAGE 1/10 TO BE CONTINUED TOTAL 3 PAGES

Authorized By:  
Intertek Testing Services  
Shenzhen Ltd.

Nelson Chan, PhD  
General Manager of PRC Operations  
Vice President of Asia Pacific Operations  
Risk Assessment & Management

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Tel: (86-755) 8388 7488, 8388 7495 Fax: (86-755) 8388 7496 Postcode: 518040  
Attention to all areas to the terms and conditions printed overleaf.



**TEST REPORT**

REPORT NUMBER: W05258739

TEST CONDUCTED:

Determination of Hazardous Substances

As per EEC Commission Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

(A) Test Result Summary

Testing Item	Result (ppm)
Lead (Pb)	ND
Cadmium (Cd)	ND
Mercury (Hg)	ND
Hexavalent Chromium (Cr(VI))	ND

(B) Test Result Summary

Testing Item	Result (ppm)
<b>Polybrominated Biphenyls (PBB)</b>	
Monobromobiphenyl (MonoBB)	ND
Dibromobiphenyl (DiBB)	ND
Tribromobiphenyl (TriBB)	ND
Tetrabromobiphenyl (TetraBB)	ND
Pentabromobiphenyl (PentaBB)	ND
Hexabromobiphenyl (HexaBB)	ND
Heptabromobiphenyl (HeptaBB)	ND
Octabromobiphenyl (OctaBB)	ND
Nonabromobiphenyl (NonaBB)	ND
Decabromobiphenyl (DecaBB)	ND
<b>Polybrominated Diphenyl Ethers (PBDE)</b>	
Monobromodiphenyl Ether (MonoBDE)	ND
Dibromodiphenyl Ether (DiBDE)	ND
Tribromodiphenyl Ether (TriBDE)	ND
Tetrabromodiphenyl Ether (TetraBDE)	ND
Pentabromodiphenyl Ether (PentaBDE)	ND
Hexabromodiphenyl Ether (HexaBDE)	ND
Heptabromodiphenyl Ether (HeptaBDE)	ND
Octabromodiphenyl Ether (OctaBDE)	ND
Nonabromodiphenyl Ether (NonaBDE)	ND
Decabromodiphenyl Ether (DecaBDE)	ND

ppm = parts per million  
 ND = Not Detected

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**TEST REPORT**

REPORT NUMBER: WOSZ58739

TEST CONDUCTED:

(C) Test Method

Testing Item	Testing method	Detection Limit
Lead (Pb)	with reference to US EPA 3050B/ US EPA 3052, by acid digestion and determined by ICP-OES	2 ppm
Cadmium (Cd)	with reference to BS EN 1122 method 2/ US EPA 3050B/ US EPA 3052, by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)	with reference to US EPA 3052, by acid digestion and determined by ICP-OES	2 ppm
Hexavalent Chromium (Cr(VI))	with reference to US EPA 3060A & 7196A, by alkaline digestion and determined by UV-VIS	1 ppm
Polybrominated biphenyls (PBB)	with reference to US EPA 3540C, by solvent extraction and determined by GC-MSD and HPLC-DAD	5 ppm
Polybrominated diphenyl ethers (PBDE)	with reference to US EPA 3540C, by solvent extraction and determined by GC-MSD and HPLC-DAD	5 ppm

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END OF REPORT

Intertek Testing Services Shenzhen Ltd. RAM  
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Attention: all clients to the terms and conditions printed overleaf.

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