



# Test Report

FORMOSA PLASTICS CORPORATION

NO.100, SHUI-GUAN RD., JEN-WU SHIANG, KAOHSIUNG COUNTY,  
TAIWAN R. O. C.

Report No. : KA/2009/31210

Date : 2009/03/23

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

Sample Description : WHITE POLYVINYL CHLORIDE  
Style/Item No. : LIN S85  
Sample Receiving Date : 2009/03/16  
Testing Period : 2009/03/16 TO 2009/3/23

=====  
**Test Result(s)** : - Please see the next page(s) -

**Ray Chang / Asst. Manager**  
**Signed for and on behalf of**  
**SGS Taiwan Limited**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

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## Test Result(s)

PART NAME NO.1

: WHITE POLYVINYL CHLORIDE

Test Item (s)	Unit	Method	MDL	Result
				No. 1
<b>Phthalates</b>				
DBP(Di-butyl phthalate) (CAS No.000084-74-2)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DEHP(Di-(2-ethylhexyl phthalate)) (CAS No.000117-81-7)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DIDP(Di-isodecyl phthalate) (CAS No.026761-40-0)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DINP(Di-isononyl phthalate) (CAS No.028553-12-0)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
BBP(Benzyl butyl phthalate) (CAS No.000085-68-7)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DNOP(Di-n-octyl phthalate) (CAS No.000117-84-0)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DHP(Di-hexyl phthalate) (CAS No.000084-75-3)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DCHP(Di-cyclohexyl phthalate) (CAS No.000084-61-7)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DEP(Di-ethyl phthalate) (CAS No.000084-66-2)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DIOP(Di-isooctyl phthalate) (CAS No.027554-26-3)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DMP(Di-methyl phthalate) (CAS No.000131-11-3)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.

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Test Item (s)	Unit	Method	MDL	Result
				No. 1
DNNP(Di-n-nonyl phthalate) (CAS No.000084-76-4)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DOA(Diisooctyl adipate) (CAS No.000103-23-1)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DPP(Di-pentyl phthalate) (CAS No.000131-18-0)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.
DPRP(Di-propyl phthalate) (CAS No.000131-16-8)	%	With reference to Chromatographia Vol.47, No.784, 1998. Analysis was performed by GC/MS.	0.003	n.d.

Note : 1. mg/kg = ppm; 0.1wt% = 1000ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. Amending for the 22nd Council Directive 76/769/EEC notified under document 2005/84/EC,

total concentration of three compounds DEHP, DBP and BBP shall not be greater than 0.1%

and total concentration of three compounds DINP, DIDP and DNOP shall not be greater than 0.1%.

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# Test Report

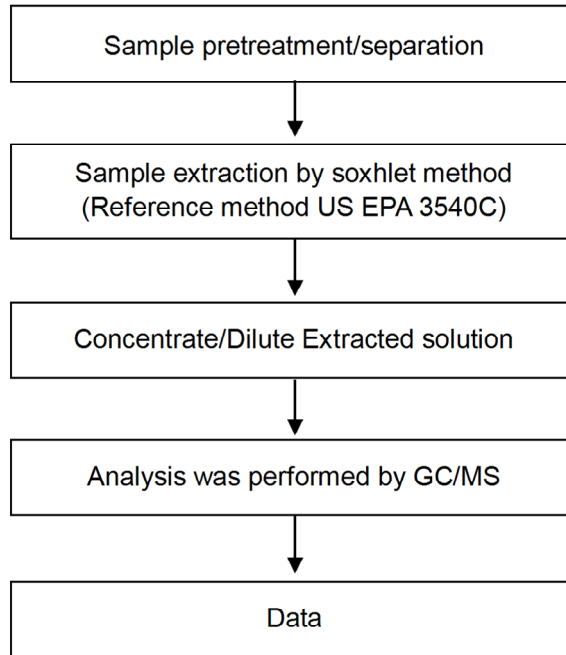
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## Analytical flow chart of phthalate content

- 1) Name of the person who made measurement: Anson Tsao
- 2) Name of the person in charge of measurement: Ray Chang



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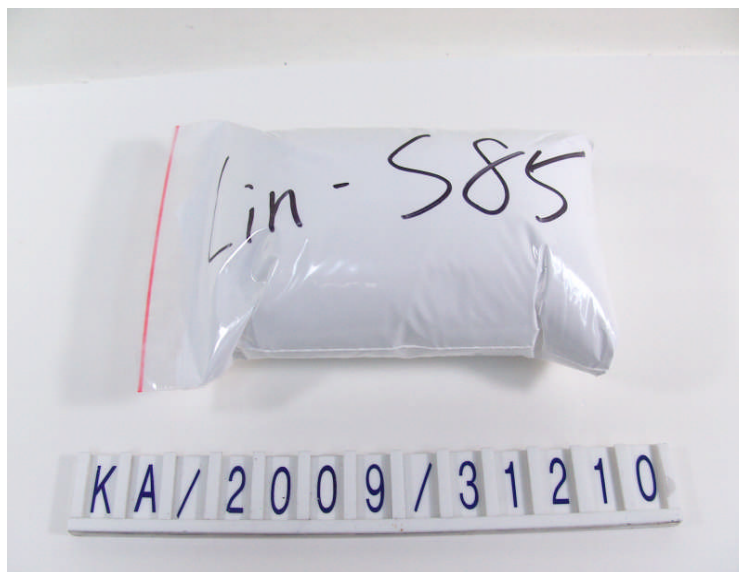
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\*\* End of Report \*\*

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