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FORMOSA PLASTICS CORPORATION NO. 100, SHUI-GUAN RD., JEN-WU DIST., KAOHSIUNG CITY, TAIWAN R.O.C.

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

**PVC POWDER** Sample Description

Style/Item No. PR-1069 Material Component **PVC** Color WHITE Sample Receiving Date 2015/02/06

**Testing Period** 2015/02/06 TO 2015/02/12

Sample Submitted By FORMOSA PLASTICS CORPORATION

Please refer to next page(s). Test Result(s)

Ray Chang Ph.D. / Mana Signed for and on behalf **SGS Taiwan Limited** 

Chemical Laboratory-Kaohsiung

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FORMOSA PLASTICS CORPORATION NO. 100, SHUI-GUAN RD., JEN-WU DIST., KAOHSIUNG CITY, TAIWAN R.O.C.

### Test Result(s)

PART NAME NO.1 WHITE PVC POWDER

Test Item (s):	Unit	Method	MDL	Result
				No.1
BBP (Butyl benzyl phthalate) (CAS No.:	%		0.003	n.d.
85-68-7)	0.1		0.000	
MEHP (Mono(2-ethyl hexyl) Ester) (CAS	%		0.003	n.d.
No.: 4376-20-9)		4		
DCHP (Di-cyclohexyl phthalate) (CAS	%		0.003	n.d.
No.: 84-61-7)				
DNPP(Di-n-pentyl phthalate) (CAS No.:	%		0.003	n.d.
131-18-0)		4		
DPrP (Di-propyl phthalate) (CAS No.:	%		0.003	n.d.
131-16-8)	0.4	4		
DEP (Di-ethyl phthalate) (CAS No.: 84-66-	%		0.003	n.d.
2)		4		
DNHP (Di-n-hexyl phthalate) (CAS No.:	%		0.003	n.d.
84-75-3)		4		
DHPP (Diheptyl Phthalate) (CAS No.:	%		0.003	n.d.
3648-21-3)		With reference to EN 14372.  Analysis was performed by		
DIBP (Di-isobutyl phthalate) (CAS No.:	%		0.003	n.d.
84-69-5)				
DINP (Di-isononyl phthalate) (CAS No.:	%	GC/MS.	0.01	n.d.
28553-12-0, 68515-48-0)				
DIDP (Di-isodecyl phthalate) (CAS No.:	%		0.01	n.d.
26761-40-0, 68515-49-1)		- - - -		
DNNP (Di-n-nonyl phthalate)(DNP) (CAS	%		0.003	n.d.
No.: 84-76-4)				
DIOP (Di-isooctyl phthalate) (CAS No.:	%		0.01	n.d.
27554-26-3)				
DPhP(Diphenyl phthalate) (CAS No.: 84-	%		0.003	n.d.
62-8)				
DMEP (Bis (2-methoxyethyl) phthalate)	%		0.003	n.d.
(CAS No.: 117-82-8)				
DEHT (Di(2-ethylhexyl) terephthalate)	%		0.003	n.d.
(CAS No.: 6422-86-2)				
DEHP (Di- (2-ethylhexyl) phthalate) (CAS	%		0.003	n.d.
No.: 117-81-7)				
DBP (Dibutyl phthalate) (CAS No.: 84-74-	%		0.003	n.d.
2)				

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Test Item (s):	Unit	Method	MDL	Result
				No.1
DMP (Dimethyl phthalate) (CAS No.: 131-	%		0.003	n.d.
11-3)				
DNOP (Di-n-octyl phthalate) (CAS No.:	%		0.003	n.d.
117-84-0)				
DEHA (Bis(2-ethylhexyl) adipate) (CAS	%		0.003	n.d.
No.: 103-23-1)				
DBZP(Dibenzyl phthalate) (CAS No.: 523-	%		0.003	n.d.
31-9)				
nPiPP (N-pentyl-isopentylphtalate) (CAS	%		0.003	n.d.
No.: 776297-69-9)				
DIPP (Diisopentyl Phthalat) (CAS No.:	%		0.003	n.d.
605-50-5)				
DUDP (Di-n-undecyl phthalate) (CAS No.:	%		0.01	n.d.
3648-20-2)				
DIHP (1,2-Benzenedicarboxylic acid, di-	%		0.01	n.d.
C6-8-branched alkyl esters, C7-rich) (CAS				
No.: 71888-89-6)				
DHNUP (1,2-Benzenedicarboxylic acid,	%	With reference to EN 14372.	0.01	n.d.
di-C7-11-branched and linear alkyl esters)		Analysis was performed by		
(CAS No.: 68515-42-4)		GC/MS.		
DINA (Di-isononyl adipate) (CAS No.:	%		0.01	n.d.
33703-08-1)				
DMTP (Dimethyl terephthalate) (CAS No.:	%		0.003	n.d.
120-61-6)		<u> </u>		
1,2-Benzenedicarboxylic acid,	%		0.003	n.d.
dipentylester, branched and linear (CAS				
No.: 84777-06-0)				
DNDP (Di-n-decyl phthalate) (CAS No.:	%	1	0.003	n.d.
87-77-5)				
DAP (Diallyl phthalate) (CAS No.: 131-17-	%		0.003	n.d.
9)				
DBEP (Bis(2-n-Butoxyethyl)phthalate)	%		0.003	n.d.
(CAS No.: 117-83-9)				
DEEP (bis (2-Ethoxyethyl)phthalate) (CAS	%		0.003	n.d.
No.: 605-54-9)				
BMPP (Di(4-methyl-2-Pentyl)phthalate)	%	7	0.003	n.d.
(CAS No.: 146-50-9)				

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

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. " - " = Not Regulated

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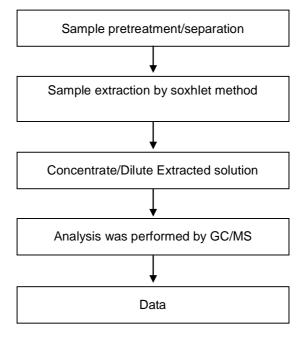


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### Analytical flow chart of phthalate content

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



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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*





\*\* End of Report \*\*

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