

Survey Report

GTM CORPORATION
NO. 17-1, TATUNG RD. FU KOU HSIN-CHU, INDUSTRIAL
PARK, HSIN-CHU, TAIWAN, R. O. C.

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The following merchandise was (were) submitted and identified by the client as :

Type of Product : SOT-23 / SOT-25 / SOT-26 / SOT-323
Sample Received : 2006/04/19
Testing Date : 2006/04/19 TO 2006/05/04

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Test Result : - Please see the next page -

* This report is combined with reports of CE/2006/47980 & CE/2006/45562A *


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result

PART NAME NO.1 : MIXED SILVER/COPPER COLORED METAL AND PIN (CE/2006/45562A NO.1)
 PART NAME NO.2 : BLACK EPOXY (CE/2006/45562A NO.2)
 PART NAME NO.3 : SILVER COLORED METAL PIN (CE/2006/47980 NO.1)
 PART NAME NO.4 : BLACK PLASTIC (CE/2006/47980 NO.2)

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Asbestos							
Anthophyllite(CAS NO.017068-78-9)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---
Crocidolite(CAS NO.012001-28-4)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---
Amosite(CAS NO.012172-73-5)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---
Tremolite(CAS NO.014567-73-8)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---
Chrysotile(CAS NO.012001-29-5)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---
Actinolite(CAS NO.013768-00-8)	%	As per NIOSH 9000 method. Analysis was performed by XRD.	1	---	Negative	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
AZO		As per LMBG 8202-2					
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
BENZIDINE (CAS NO.92-87-5)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
2-AMINO-4-NITROTOLUENE (CAS NO.99-55-8)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
4,4'- DIAMINODIPHENYLMETHAN E (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
3,3'-DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
3,3'-DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
3,3'-DIMETHYLBENZIDINE (CAS NO.119-93-7)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
3,3'-DIMETHYL-4,4'- DIAMINODIPHENYLMETHAN E (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
P-CRESIDINE(2-METHOXY-5- METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
4,4'-METHYLENE-BIS-(2- CHLOROANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
4,4'-OXYDIANILINE (CAS NO.101-80-4)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
4,4'-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
O-TOLUIDINE (CAS NO.95- 53-4)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
2,4-TOLUYLENEDIAMINE (CAS NO.95-80-7)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
O-ANISIDINE (CAS NO.90-04- 0)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
CFC's(Chlorofluorocarbons)		With reference to US EPA 8260.					
Group I							
Chlorofluorocarbon-11(CAS No:000075-69-4)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-12(CAS No:000075-71-8)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-113(CAS No:000076-13-1)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-114(CAS No:000076-14-2)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-115(CAS No:000076-15-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Group III							
Chlorofluorocarbon-13(CAS No:000075-72-9)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-111(CAS No:000354-56-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-112(CAS No:000076-12-0)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Chlorofluorocarbon-211(CAS No:135401-87-5)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-212(CAS No:076564-99-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-213(CAS No:060285-54-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-214(CAS No:002268-46-4)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-215(CAS No:000076-17-5)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-216(CAS No:001652-80-8)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Chlorofluorocarbon-217(CAS No:000422-86-6)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
CHC's(Chlorinated hydrocarbon)		With reference to US EPA 8260.					
1,1,1,2-Tetrachloroethane(CAS No.:000630-20-6)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,1,1-Trichloroethane(CAS No.:000071-55-6)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,1,2,2-Tetrachloroethane(CAS No.:000079-34-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,1,2-Trichloroethane(CAS No.:000079-00-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
1,1-Dichloroethane(CAS No.:000075-35-4)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,1-Dichloroethane(CAS No.:000075-35-3)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,1-Dichloropropene(CAS No.:000563-58-6)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,2,3-Trichloropropane(CAS No.:000096-19-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,2-Dichloroethane(CAS No.:000107-06-2)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,2-Dichloropropane(CAS No.:000078-87-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
1,3-Dichloropropane(CAS No.:000142-28-9)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
2,2-Dichloropropane(CAS No.:000594-20-7)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Carbon tetrachloride(CAS No.:000056-23-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Chloroethane(CAS No.:000075-00-3)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Chloroform(CAS No.:000067-66-3)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Chloromethane(CAS No.:000074-87-3)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Cis-1,2-Dichloroethene(CAS No.:000156-59-2)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Cis-1,3-Dichloropropene(CAS No.:010061-01-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Hexachlorobutadiene(CAS No.:000087-68-3)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Methylene Chloride(CAS No.:000075-09-2)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Tetrachloroethene(CAS No.:000127-18-4)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
trans-1,2-Dichloroethene(CAS No.:000156-60-5)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
trans-1,3-Dichloropropene(CAS No.:010061-02-6)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---
Trichloroethylene(CAS No.:000079-01-6)	ppm	Analysis was performed by GC/MS. [CHC's (Chlorinated hydrocarbon)]	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Chlorinated Paraffin (C10~C13) (CAS NO:010871-26-2)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by GC/MS or GC/ECD.	0.01	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Dichloroethane	ppm	Analysis was performed by GC/MS linked Headspace.	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Halon		With reference to US EPA 8260.					
Halon-1211	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Halon-1301	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---
Halon-2402	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
HBFC	ppm	With reference to 3093/94/EEC. Analysis was performed by GC/MS.	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
HCFC's(Hydrogenated chlorofluorocarbons)		With reference to US EPA 8260.					
Hydrochlorofluorocarbon-21(CAS No.:000075-43-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-22(CAS No.:000075-45-6)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-31(CAS No.:000593-70-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Hydrochlorofluorocarbon-121(CAS No.:000354-14-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-122(CAS No.:000354-21-2)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-123(CAS No.:000306-83-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-124(CAS No.:002837-89-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-131(CAS No.:000359-28-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-131b(CAS No.:000471-43-2)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-133a(CAS No.:000075-88-7)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-141b(CAS No.:001717-00-6)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-221	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---

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				No.1	No.2	No.3	No.4
Hydrochlorofluorocarbon-222(CAS No.:000422-30-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-223	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-224	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-225ca(CAS No.:000422-56-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-225cb(CAS No.:000507-55-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-226(CAS No.:000431-87-8)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-231	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-232	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-233	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Hydrochlorofluorocarbon-234	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-235(CAS No.:013838-16-9)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-241	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-242	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-243(CAS No.:000338-75-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-244	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-251	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-252	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-253(CAS No.:000354-06-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Hydrochlorofluorocarbon-261(CAS No.:000420-97-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-262(CAS No.:000420-97-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---
Hydrochlorofluorocarbon-271	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Mirex(CAS NO:002385-85-5)	ppm	Analysis was performed by GC/MS.	4	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Bromomethane	ppm	With reference to US EPA 8260. Analysis was performed by GC/MS/HEADSPACE.	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/MS or GC/ECD.	0.5	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Polychlorinated Naphthalene	ppm	With reference to USEPA 8081B. Analysis was performed by GC/MS.	5	---	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Organic-tin compounds							
Triphenyl Tin(TPT)(CAS NO:000668-34-8)	ppm	With reference to 89/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	---	N.D.	---	---
Tributyl Tin(TBT)	ppm	With reference to 89/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
PCP(Pentachlorophenol) (CAS No:000087-86-5)	ppm	With reference to US EPA 8270D. Analysis was performed by GC/MS.	1	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
PCTs(Polychlorinated Terphenyls)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/MS or GC/ECD.	0.5	---	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
PVC (CAS No:9002-86-2)	%	Analysis was performed by FTIR/ATR and Pyrolyzer-GC/MS.	1	---	Negative	---	---

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
TBBP-A-BIS(CAS NO:21850-44-2)	ppm	Analysis was performed by HPLC/DAD/MS.	5	N.D.	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	---	---
Dibromobiphenyl	%		0.0005	---	N.D.	---	---
Tribromobiphenyl	%		0.0005	---	N.D.	---	---
Tetrabromobiphenyl	%		0.0005	---	N.D.	---	---
Pentabromobiphenyl	%		0.0005	---	N.D.	---	---
Hexabromobiphenyl	%		0.0005	---	N.D.	---	---
Heptabromobiphenyl	%		0.0005	---	N.D.	---	---
Octabromobiphenyl	%		0.0005	---	N.D.	---	---
Nonabromobiphenyl	%		0.0005	---	N.D.	---	---
Decabromobiphenyl	%		0.0005	---	N.D.	---	---
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	---	N.D.	---	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	---	---
Dibromobiphenyl ether	%		0.0005	---	N.D.	---	---
Tribromobiphenyl ether	%		0.0005	---	N.D.	---	---
Tetrabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Pentabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Hexabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Heptabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Octabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Nonabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Decabromobiphenyl ether	%		0.0005	---	N.D.	---	---
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	---	N.D.	---	---
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-	---	N.D.	---	---	

Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	---	---
Arsenic (As)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.	N.D.	---	---

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Test Item (s):	Unit	Method	MDL	Result			
				No.1	No.2	No.3	No.4
Barium (Ba)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	2.2	---	---
Beryllium (Be)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	N.D.	---	---
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	---	---
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.	N.D.	---	---
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	8.9	12.8	12.5	---
Antimony (Sb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	22028.0	---	21438.8
Selenium (Se)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.	N.D.	---	---
Nickel (Ni)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	12.4	---	N.D.	---

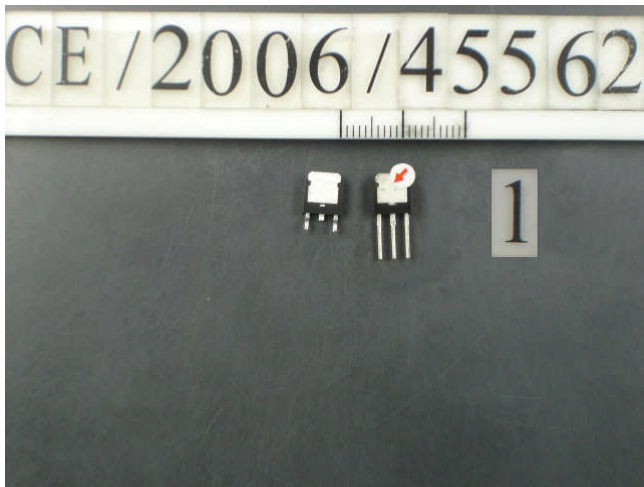
- NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
 (6) " - " = Not Regulation
 (7) " --- " = Not Applicable
 (8) The MDL is 5ppm for the single compound of CP

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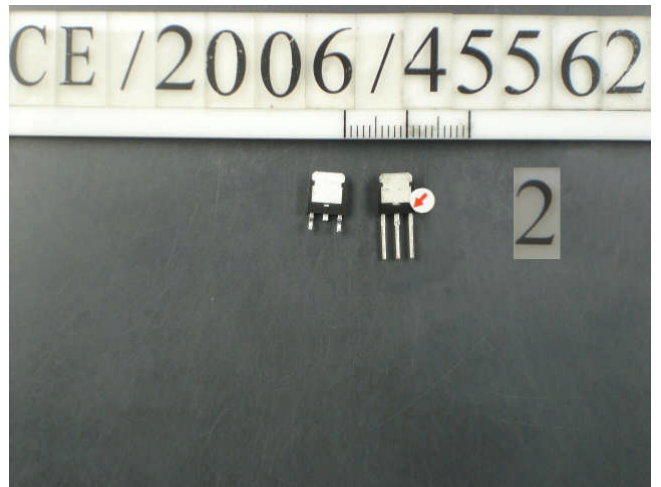
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PART NAME NO.1



PART NAME NO.2



PART NAME NO.3



PART NAME NO.4

