

## TEST REPORT

REPORT NO. JP/2005/100778

DATE: November 1st, 2005

PAGE: 1 OF 1

CLIENT : TOPPAN PRINTING CO.,LTD. Optronics Division  
 SAMPLE DESCRIPTION : ITS  
 CLIENT REF.NO. :  
 TESTING DATE : 2005/10/25 TO 2005/10/28  
 SAMPLE RECEIVED : 2005/10/19

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	RESULT	METHOD	INSTRUMENT	DET. LMT (ppm)
CADMIUM	ppm	N.D.	EPA 3051A	ICP-AES	2
MERCURY	ppm	N.D.	EPA 3051A	ICP-AES	2
LEAD	ppm	N.D.	EPA 3051A	ICP-AES	2
CHROMIUM VI	ppm	N.D.	EPA 3060A	UV-VIS	2
<b>PBBs(Polybrominated biphenyls)</b>	---	---	---	---	---
Monobromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
<b>PBDEs(Polybrominated diphenyl ethers)</b>	---	---	---	---	---
Monobromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5

NOTE : N.D. = not detected

<END>

後藤 邦之



Kuniyuki Goto / Laboratory Manager  
 SGS Far East Ltd., Green Testing Center

JP 528058

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## TEST REPORT

REPORT NO. JP/2005/100779  
 DATE: November 1st, 2005  
 PAGE: 1 OF 1

CLIENT : TOPPAN PRINTING CO.,LTD. Optronics Division  
 SAMPLE DESCRIPTION : BK  
 CLIENT REF.NO. :  
 TESTING DATE : 2005/10/25 TO 2005/10/28  
 SAMPLE RECEIVED : 2005/10/19

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	RESULT	METHOD	INSTRUMENT	DET. LMT (ppm)
CADMIUM	ppm	N.D.	EPA 3051A	ICP-AES	2
MERCURY	ppm	N.D.	EPA 3051A	ICP-AES	2
LEAD	ppm	N.D.	EPA 3051A	ICP-AES	2
CHROMIUM VI	ppm	N.D.	EPA 3060A	UV-VIS	2
<b>PBBs(Polybrominated biphenyls)</b>	---	---	---	---	---
Monobromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
<b>PBDEs(Polybrominated diphenyl ethers)</b>	---	---	---	---	---
Monobromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5

NOTE : N.D. = not detected

<END>

後藤 邦之



Kuniyuki Goto / Laboratory Manager  
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## TEST REPORT

REPORT NO. JP/2005/100777  
 DATE: November 1st, 2005  
 PAGE: 1 OF 1

CLIENT : TOPPAN PRINTING CO.,LTD. Optronics Division  
 SAMPLE DESCRIPTION : CMY  
 CLIENT REF.NO. :  
 TESTING DATE : 2005/10/25 TO 2005/10/28  
 SAMPLE RECEIVED : 2005/10/19

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WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	RESULT	METHOD	INSTRUMENT	DET. LMT (ppm)
CADMIUM	ppm	N.D.	EPA 3051A	ICP-AES	2
MERCURY	ppm	N.D.	EPA 3051A	ICP-AES	2
LEAD	ppm	N.D.	EPA 3051A	ICP-AES	2
CHROMIUM VI	ppm	N.D.	EPA 3060A	UV-VIS	2
<b>PBBs(Polybrominated biphenyls)</b>	---	---	---	---	---
Monobromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromobiphenyl	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
<b>PBDEs(Polybrominated diphenyl ethers)</b>	---	---	---	---	---
Monobromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Dibromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tribromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Tetrabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Pentabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Hexabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Heptabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Octabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Nonabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5
Decabromodiphenyl ether	ppm	N.D.	Soxhlet Extraction.	GC/MS	5

NOTE : N.D. = not detected

<END>

後藤 邦之



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