

Test Report

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PT. INDAH KIAT PULP & PAPER TBK.
JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



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

Sample Description	:	PAPER BOARD
PART NO.	:	KRAFT LINER
Color	:	BROWN
Job No.	:	JKT-ML/HL/06/11/906
ID No.	:	ML0611906-4288
Sample Receiving Date	:	2011/06/24
Testing Period	:	2011/06/24 TO 2011/06/29
Sample Submitted By	:	P.T. SGS INDONESIA

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


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



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Test Result(s)

PART NAME NO.1 : BROWN PAPER BOARD

Test Item (s):	Unit	Method	MDL	Result	Limit
				No.1	
94/62/EC (Heavy metal content)					
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	-
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	11.4	-
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	-
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.	-
Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)	mg/kg	Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (94/62/EC)	-	11.4	100
TPCH (Heavy metal content)					
Cadmium (Cd)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Lead (Pb)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	13.1	-
Mercury (Hg)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)	mg/kg	Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (TPCH)	-	13.1	100

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Test Item (s):	Unit	Method	MDL	Result	RoHS Limit
				No.1	
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	100
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	11.4	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.	1000
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.	1000
Monobromobiphenyl			5	n.d.	-
Dibromobiphenyl			5	n.d.	-
Tribromobiphenyl			5	n.d.	-
Tetrabromobiphenyl			5	n.d.	-
Pentabromobiphenyl			5	n.d.	-
Hexabromobiphenyl			5	n.d.	-
Heptabromobiphenyl			5	n.d.	-
Octabromobiphenyl			5	n.d.	-
Nonabromobiphenyl			5	n.d.	-
Decabromobiphenyl			5	n.d.	-
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-
Monobromodiphenyl ether	5	n.d.			-
Dibromodiphenyl ether	5	n.d.			-
Tribromodiphenyl ether	5	n.d.			-
Tetrabromodiphenyl ether	5	n.d.			-
Pentabromodiphenyl ether	5	n.d.			-
Hexabromodiphenyl ether	5	n.d.			-
Heptabromodiphenyl ether	5	n.d.			-
Octabromodiphenyl ether	5	n.d.			-
Nonabromodiphenyl ether	5	n.d.			-
Decabromodiphenyl ether	5	n.d.			-

- Note :
1. mg/kg = ppm ; 0.1wt% = 1000ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. " - " = Not Regulated
 5. The test(s) was/were subcontracted to SGS Taiwan.

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**** End of Report ****

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